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THE
UNIVERSITY OF OREGON
EUGENE

CATALOG 1917-1918
ANNOUNCEMENTS 1918-1919

UNIVERSITY OF ILLINOIS
JUL 31 1918
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PUBLISHED BY THE UNIVERSITY
APRIL, 1918

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1918

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University of Oregon,
Eugene, Oregon.

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CALENDAR, 1918

JULY						
S	M	T	W	T	F	S
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SEPTEMBER						
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OCTOBER						
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DECEMBER						
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CALENDAR, 1919

JANUARY						
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FEBRUARY						
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APRIL						
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MAY						
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JUNE						
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CALENDAR

September 28 to December 20—Fall Term.
January 2 to March 21—Winter Term.
March 31 to June 13—Spring Term.

CALENDAR IN DETAIL

September 28, Saturday.	Fall term opens. Examination in English Composition for freshmen.
September 30, Monday.	Payment of incidental fees and registration for the Upper Division. Filing of application for undergraduate, graduate, and special student standing, if such applications have not already been filed. Instructors keep office hours for consultation with students of the Upper Division.
October 1, Tuesday.	Registration of students in the Lower Division. Lower Division Advisers keep office hours.
October 2, Wednesday.	All University work begins.
October 9, Wednesday	Regular meeting, Associated Students.
November 1, Friday	Last date of term for change of course.
November 27, 12 M., to December 1, Sunday.	Thanksgiving recess.
December 1, Sunday.	Last date of term for withdrawal from class.
December 2, Monday. December 3, Tuesday.	Examinations for removal of conditions.
December 18, 19, 20.	Term Examinations.
December 21, Saturday. to January 1, Wednesday.	Christmas vacation.
January 2, Thursday.	Winter term begins.

January 21, Tuesday.	Regular meeting of the Board of Regents, Johnson Hall.
February 1, Saturday.	Last date in term for change of course.
February 22, Saturday.	Washington's birthday. A holiday.
February 26, Wednesday.	Regular meeting, Associated students.
March 1, Saturday.	Last date in term for withdrawals from class.
March 19, 20, 21.	Term examinations.
March 22, Saturday, to March 30, Sunday.	Spring vacation.
March 31, Monday.	Spring term begins.
April 19, Saturday.	Date for filing with the Registrar typewritten copies of the Failing and Beekman orations.
May 1, Thursday.	Last day in term for change in course.
May 7, Wednesday	Regular meeting, Associated Students. Annual elections.
May 5, Monday. May 6, Tuesday.	Examinations for removal of conditions.
May 9, Friday. May 10, Saturday.	Junior Week-end holidays.
May 24, Saturday.	Last date of term for withdrawal from class.
May 30, Friday.	Memorial Day. A noliday.
June 11, 12, 13.	Term examinations.
June 13, Friday.	Failing and Beekman orations, 8 P. M.
June 14, Saturday.	State Alumnae Association meeting, Villard Hall, 9 A. M.; Alumni business meeting, Villard Hall, 10 A. M.; President's reception, 3 P. M.; Alumni ball, 9 P. M.
June 15, Sunday.	Baccalaureate sermon, 11 A. M.
June 16, Monday.	Commencement exercises, 10 A. M.

REGULAR MEETING OF BOARD OF REGENTS, 1918-19

Tuesday, January 21,	1919
Tuesday, June 11,	1919

REGULAR MEETINGS OF THE FACULTY, 1918-19

Wednesday, October 2,	1918
Wednesday, November 6,	1918
Wednesday, December 4,	1918
Wednesday, January 8,	1919
Wednesday, February 5,	1919
Wednesday, March 5,	1919
Wednesday, April 2,	1919
Wednesday, May 7,	1919
Wednesday, June 4,	1919

REGULAR MEETINGS OF ATHLETIC COUNCIL, 1918-19

Saturday, December 14,	1918
Saturday, March 15,	1919
Saturday, June 7,	1919

REGULAR MEETINGS, ASSOCIATED STUDENTS, 1918-19

Wednesday, October 9,	1918
Wednesday, December 10,	1918
Wednesday, March 12,	1919
Wednesday, May 7,	1919
Wednesday, June 4,	1919

OFFICERS OF THE UNIVERSITY

THE BOARD OF REGENTS

OFFICERS

HON. ROBERT S. BEAN, President HON. A. C. DIXON, Vice-President
L. H. JOHNSON, Secretary

EXECUTIVE COMMITTEE

HON. ROBERT S. BEAN, Ex Officio Chairman
HON. A. C. DIXON, Acting Chairman
HON. CHAS. H. FISHER HON. W. K. NEWELL
MRS. G. T. GERLINGER HON. LLOYD L. MULIT

EX OFFICIO MEMBERS

HON. JAMES WITHYCOMBE, Governor.....Salem
HON. BEN W. OLCOTT, Secretary of State.....Salem
HON. J. A. CHURCHILL, Superintendent of Public Instruction..Salem

APPOINTED BY THE GOVERNOR

Name and Addresses	Term Expires
HON. R. S. BEAN, Portland	April 15, 1917
HON. WILLIAM H. GORE, Medford	April 15, 1919
HON. W. K. NEWELL, Seghers	April 15, 1921
HON. A. C. DIXON, Eugene	April 15, 1923
HON. CHAS. H. FISHER, Salem	April 15, 1923
HON. JAMES W. HAMILTON, Roseburg	April 15, 1925
MRS. G. T. GERLINGER, Dallas	April 15, 1927
HON. C. C. COLT, Portland	April 15, 1927
HON. HENRY MCKINNEY, Baker	April 15, 1927
HON. LLOYD L. MULIT, Portland	April 15, 1929

ADMINISTRATIVE OFFICERS

THE UNIVERSITY

P. L. Campbell, B. A., LL. D.,
President.

Louis H. Johnson,
Comptroller.

A. R. Tiffany, B. A.,
Registrar.

M. H. Douglass, M. A.,
Librarian.

Karl W. Onthank, M. A.,
Secretary to the President.

THE COLLEGES AND SCHOOLS

John Straub, M. A., Lit. D.,
Dean of College of Literature, Science, and the Arts.

Frederick George Young, B. A.,
Dean of Graduate School.

Joseph Schafer, Ph. D.,
Dean of Summer School.

Henry D. Sheldon, Ph. D.
Dean of School of Education.

K. A. J. Mackenzie, M. D.,
Dean of School of Medicine.

D. Walter Morton, M. A., C. P. A.,
Dean of School of Commerce.

Eric W. Allen, B. A.,
Dean of School of Journalism.

Ellis F. Lawrence, M. S.,
Dean of School of Architecture.

Edward W. Hope, Ph. D.,
Dean of School of Law.

*Elizabeth Freeman Fox, B. A.,
Dean of Women.

John J. Landsbury, Mus. Dr.
Dean of School of Music.

Louise C. Ehrmann, B. L.,
Acting Dean of Women.

*Leave of absence for war work.

OFFICERS OF INSTRUCTION

THE FACULTY*

P. L. Campbell, B. A., LL. D., Eugene.
President of the University.
B. A. Harvard University, 1886.
LL. D. University of Colorado, 1913.

Percy Paget Adams, B. S., Eugene.
Professor of Graphics.
B. A., University of Oregon, 1901; B. S., 1902.

Eric W. Allen, B. A., Eugene.
Dean of the School of Journalism and
Professor of Journalism.
B. A. University of Wisconsin, 1901.

William F. Allen, Ph. D., Portland.
Professor of Anatomy.

Alvin Walter Baird, B. A., M. D., Portland.
Assistant Professor of Surgery.

James Duff Barnett, Ph. D., Eugene.
Professor of Political Science.
B. A. College of Emporia.
Ph. D. University of Wisconsin.

Ernest Sutherland Bates, Ph. D., Eugene.
Professor of Rhetoric and American Literature.
B. A. University of Michigan, 1902; M. A., 1903.
Ph. D. Columbia University, 1908.

James Francis Bell, M. D., Portland.
Professor of Theory and Practice of Medicine.

*With the exception of the President the Faculty are arranged in alphabetical order. Separate lists of the Faculty will be found under their respective schools.

HUGO BEZDEK, B. A., EUGENE.
Director Men's Gymnasium.
B. A. University of Chicago, 1906.

ROBERT L. BENSON, M. D., PORTLAND.
Professor of Pathology.

JOHN FREEMAN BOVARD, Ph. D., EUGENE.
Professor of Zoology.
B. S. University of California, 1903; M. S., 1906; Ph. D., 1917.

WILLIAM PINGRY BOYNTON, Ph. D., EUGENE.
Professor of Physics.
B. A. Dartmouth College, 1890; M. A., 1893.
Scholar and Fellow in Physics, Clark University, 1894-1897; Ph. D., 1897.

I. C. BRILL, B. A., M. D., PORTLAND.
Assistant Professor of Medicine.

JULIA BURGESS, M. A., EUGENE.
Professor of Rhetoric.
B. A. Wellesley College.
M. A. Radcliffe College.

GEORGE E. BURGET, B. S., M. D., PORTLAND.
Professor of Physiology.

ALBERT EDWARD CASWELL, Ph. D., EUGENE.
Professor of Physics.
B. A. Leland Stanford Junior University, 1908; Ph. D., 1911.

HERMAN ALDRICH CLARK, M. A., EUGENE.
Assistant Professor of Latin.
B. A. University of Michigan, 1909; M. A., 1910.
Graduate Student Charles Kendall Adams, Fellow in Greek, University of Wisconsin, 1913-15.

ROBERT CARLTON CLARK, Ph. D., EUGENE.
Professor of History.
B. A., M. A. University of Texas, 1901.
Ph. D. University of Wisconsin, 1905.

TIMOTHY CLORAN, Ph. D., EUGENE.
Professor of Romance Languages.
B. A. Western Reserve University, 1891.
Student Universities of Berlin and Strassburg, 1897-99.
Ph. D. University of Strassburg, 1901.
Student University of Paris, 1904-05.
Student University of Madrid, 1905-06.

T. HOMER COFFIN, A. B., M. D., PORTLAND.
Assistant Professor of Clinical Medicine.

EDMUND S. CONKLIN, Ph. D., EUGENE.
Professor of Psychology.
B. H. Springfield (Mass.), 1908.
Scholar and Fellow in Psychology, Clark University, 1908-11.
M. A. Clark University, 1909; Ph. D., 1911.

MABEL LOUISE CUMMINGS EUGENE.
Director of Women's Gymnasium.
Boston Normal School of Gymnastics.
University of Chicago.
Tufts College Medical School.
Rush Medical School.

PETER CAMPBELL CROCKATT, M. A., EUGENE.
Professor of Economics.
B. A. University of Oregon, 1915; M. A., 1918.

BURCHARD WILSON DE BUSK, Ph. D., EUGENE.
Professor of Secondary Education.
B. S. Central Normal College, 1898.
B. A. University of Indiana, 1904.
Ph. D. Clark University, 1915.

EDGAR EZEKIEL DECOU, M. S., EUGENE.
Professor of Mathematics.
B. S. University of Wisconsin, 1894.
M. S. University of Chicago, 1897.
Graduate Student University of Chicago, 1899-1900.
University Scholar Yale University, 1900-01.

RICHARD BENJAMIN DILLEHUNT, B. S., M. D., PORTLAND.
Professor of Anatomy.

A. P. ROBBINS DRUCKER, M. A., EUGENE.
Acting Dean School of Commerce and Professor of Commerce.
B. A. Columbia University, 1901.
M. A. University of Chicago, 1910.

FREDERICK STANLEY DUNN, M. A., EUGENE.
Professor of Latin Language and Literature.
B. A. University of Oregon, 1892.
B. A. Harvard University, 1894.
M. A. University of Oregon, 1899.
M. A. Harvard University, 1903.

CHARLES H. EDMUNDSON, Ph. D., EUGENE.
Professor of Zoology.
B. Ph. University of Iowa, 1903; M. S., 1904; Ph. D., 1906.

LOUISE C. EHRMANN, B. L., EUGENE.
Acting Dean of Women.
B. L. University of California.

J. EARL ELSE, M. S., M. D., PORTLAND.
Assistant Professor of Surgery.

†ELIZABETH FREEMAN FOX, B. A., EUGENE.
Dean of Women.
B. A. Barnard College.

ALBERT N. FRENCH, M. A., EUGENE.
Assistant Professor of Education.
B. A. University of Washington, 1911; M. A., 1915.

†Leave of absence for war work.

J. Allen Gilbert, Ph. D., M. D., Portland.
Assistant Professor of Medicine.

James Henry Gilbert, Ph. D., Eugene.
Professor of Economics.
B. A. University of Oregon, 1903.
Ph. D. Columbia University, 1907.

Chester A. Gregory, M. A., Eugene.
Professor of Education.
B. A., University of Indiana, 1908; M. A., 1915.

Ralph Scott Hamilton, LL. B., Eugene.
Professor of Law.
LL. B. University of Missouri, 1905.

*H. F. Harthan, B. S., Eugene.
Professor of Spanish.
B. S., University of California, 1913.

Howard D. Haskins, B. A., M. D., Portland.
Professor of Biochemistry

William L. Hayward, Eugene.
Associate Director Men's Gymnasium.

Edward William Hope, Ph. D., Eugene.
Dean School of Law and Professor of Law.
B. A. University of Pennsylvania, 1898.
Graduate Student Universities of Berlin and Munich, 1901-02.
M. A. Stanford University, 1903.
Ph. D. Johns Hopkins University, 1905.

William House, M. D., Portland.
Assistant Professor of Nervous and Mental Diseases.

Herbert Crombie Howe, B. A., Eugene.
Professor of English Literature.
B. A. Cornell University, 1893.
Graduate Scholar Cornell University, 1893-95.

*Resigned January 22, 1918.

C. C. Jeremiah, B. C. S., Eugene
Professor of Commerce
B. C. S. New York University, 1916.

Simeon Edward Josephi, M. D., Portland.
Professor of Nervous and Mental Diseases.

Earl Kilpatrick, B. A., Eugene.
Director of Extension Department.
B. A. University of Oregon, 1909.

J. C. Elliott King, M. D., Portland.
Assistant Professor of Dermatology and Syphilology.

William S. Knox, B. S., M. D., Portland.
Assistant Professor of Clinical Medicine.

Shad O. Krantz, Eugene.
Professor of Commerce.

Edmund John Labbe, M. D., Portland.
Professor of Obstetrics.

John J. Landsbury, Mus. Dr., Eugene.
Dean of School of Music and Professor of Music.
Mus. B. Simpson College, 1900; Mus. Dr., 1909.

Ellis Fuller Lawrence, M. S., Eugene.
Dean of School of Architecture and
Professor of Architecture.
B. S., M. S., Massachusetts Institute of Technology.

Lt. Col. John Leader, Eugene.
Professor of Military Science.
Royal Military College, England.
Passed Staff College Examination, England.

Albert Edward Mackay, M. D., Portland.
Professor of Diseases of Genito-Urinary Organs.

KENNETH ALEXANDER J. MACKENZIE, M. D., C. M., L. R. C. P. and L. R. C. S., Edinburgh. PORTLAND.
Dean of the School of Medicine and
Professor of Operative and Clinical Surgery.

RAY W. MATSON, M. D., PORTLAND.
Assistant Professor of Medicine.

RALPH CHARLES MATSON, M. D., PORTLAND.
Assistant Professor of Medicine.

EDWARD HIRAM MCALISTER, M. A., EUGENE.
Professor of Mechanics and Astronomy.
B. A. University of Oregon, 1890; M. A., 1893.

CLARENCE J. MCCUSKER, B. S., M. D., PORTLAND.
Assistant Professor of Obstetrics.

FRANK R. MENNE, B. S., M. D., PORTLAND.
Associate Professor of Pathology.

HARRY B. MILLER, EUGENE.
Director of Commercial and Industrial Survey.

*D. WALTER MORTON, M. A., C. P. A., EUGENE.
Dean of the School of Commerce and
Professor of Commerce
B. A. Dickinson College, 1902; M. A., 1906.
B. D. Drew Theological Seminary, 1905.
C. P. A. Wisconsin State Board, 1915.

HAROLD B. MYERS, A. B., M. D., PORTLAND.
Professor of Materia Medica, Pharmacology and Toxicology.
Assistant Dean of the School of Medicine.

WILLEY HIGBY NORTON, B. A., M. D., PORTLAND.
Associate Professor of Bacteriology.

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*Leave of absence October 1, 1917 to April 30, 1918.

RICHARD NUNN, B. A., B. Ch., M. D., PORTLAND.
Professor of Diseases of Eye, Ear, Nose, and Throat.

*EARL L. PACKARD, Ph. D., EUGENE.
Assistant Professor of Geology.
B. A. University of Washington, 1911; M. A., 1912.
Ph. D. University of California, 1915.

MABLE HOLMES PARSONS, M. A., EUGENE.
Professor of Rhetoric.
B. A., M. A. University of Michigan.

ELLEN M. PENNELL, EUGENE.
Assistant Professor of History of Art.

MARY HALLOWELL PERKINS, M. A., EUGENE
Professor of Rhetoric.
B. A. Bates College.
M. A. Radcliffe College.

ROBERT W. PRESCOTT, B. A., EUGENE.
Professor of Public Speaking.
B. A. University of Oregon, 1908.

GEORGE REBEC, Ph. D., EUGENE.
Professor of Philosophy.
B. Ph. University of Michigan; Ph. D., 1897.

ROBERT P. REEDER, LL. M., EUGENE.
Professor of Law.
LL. B., LL. M. University of Pennsylvania.

ARCHIBALD F. REDDIE, B. A., EUGENE.
Professor of Public Speaking.
Graduate Emerson College of Oratory.
B. A. Valparaiso University (Honorary).

JOSEPH SCHAFER, Ph. D., EUGENE.
Professor of History and Dean of Summer School.
B. L. University of Wisconsin, 1894; M. L., 1899; Fellow, 1900; Ph. D., 1906.

*Resigned December 1, 1917.

FRIEDRICH GEORG G. SCHMIDT, Ph. D., EUGENE.
Professor of the German Language and Literature.
Student at the University of Erlangen, 1888-90.
Scholar and Fellow at Johns Hopkins University, 1894-96.
Ph. D. 1896.

ALFRED HERMAN SCHROFF, EUGENE.
Professor of Fine Arts.

*HERMAN SCHWARZ, Ph. D., EUGENE.
Assistant Professor of German.
Ph. D. Freiburg, 1905.

CHARLES E. SEARS, B. S., M. D., PORTLAND.
Assistant Professor of Medicine.

LAURENCE SELLING, A. B., M. D., PORTLAND.
Assistant Professor of Clinical Medicine.

HENRY DAVIDSON SHELDON, Ph. D., EUGENE.
Professor of Education and Dean of School of Education.
B. A. Stanford University, 1896; M. A., 1897.
Ph. D. Clark University, 1900.

FREDERICK LAFAYETTE SHINN, Ph. D., EUGENE.
Professor of Chemistry.
B. A. Indiana University, 1901; M. A., 1902.
Scholar Yale University, 1902.
Ph. D. University of Wisconsin, 1906.

WARREN D. SMITH, Ph. D., EUGENE.
Professor of Geology.
B. S. University of Wisconsin, 1902.
M. A. Leland Stanford, Jr., University, 1904.
Fellow in Geology University of Chicago, 1904-05.
Ph. D. University of Wisconsin, 1908.

ORIN FLETCHER STAFFORD, M. A., EUGENE.
Professor of Chemistry.
B. A., M. A. University of Kansas.

*Resigned March 22, 1918.

FRED L. STETSON, M. A., EUGENE.
Professor of Education.
Whitewater Normal, Wisconsin, Graduate, 1904.
B. A. University of Washington, 1911; M. A., 1913.

JOHN STRAUB, M. A., Lit. D., EUGENE.
Dean of the College of Literature, Science and the Arts.
and Professor of Greek Language and Literature.
B. A. Mercersburg College, 1876; M. A., 1879.
Lit. D. Franklin and Marshall College, 1913.

ALBERT RADDIN SWEETSER, M. A., EUGENE.
Professor of Botany.
B. A. Wesleyan University, 1884; M. A., 1887.

ROBERT B. TEACHOUT, Ph. D., EUGENE.
Assistant Professor of Psychology.
B. A. and M. A. Dartmouth, 1914.
Ph. D. Clark University, 1917.

W. F. G. THACHER, M. A., EUGENE.
Professor of Rhetoric.
B. A. Princeton University, 1900; M. A., 1906.
Graduate Student University of Chicago, 1906.

HARRIET THOMSON, B. A., EUGENE.
Assistant Physical Director for Women.
B. A. University of Michigan.

EDWARD THORSTENBERG, Ph. D., EUGENE.
Professor of Scandinavian Languages and Literatures.
B. A. Bethany College, 1899.
Scholar Yale University, 1900-03; M. A., 1902; Ph. D., 1904.

LILIAN TINGLE, EUGENE.
Professor of Household Arts.
Graduate of Educational Trust School of Domestic Economy, Aberdeen, Scotland.
Student at Robert Gordon's College, Aberdeen, Scotland.
Student at Aberdeen University, 1898-1899.
Student at University of Wisconsin Summer School, 1900.
Teaching Certificate for Chemistry and Physiology from British government.

ERNEST FANNING TUCKER, B. A., M. D., PORTLAND.
Professor of Gynecology.

GEORGE S. TURNBULL, B. A., EUGENE.
Professor of Journalism.
B. A. University of Washington, 1915.

MARY WATSON, M. A., EUGENE.
Assistant Professor of English Literature.
B. A. University of Oregon, 1909; M. A., 1911.

CALVIN S. WHITE, M. D., PORTLAND.
Assistant Professor of Medicine (Hygiene and Sanitation.)

GEORGE SHATTUCK WHITESIDE, M. D., PORTLAND.
Assistant Professor of Genito-Urinary Surgery.

OTIS BUCKMINSTER WIGHT, B. A., M. D., PORTLAND.
Assistant Professor of Gynecology.

GEORGE FLANDERS WILSON, M. D., PORTLAND.
Professor of Principles and Practice of Surgery.

ROY MARTIN WINGER, Ph. D., EUGENE.
Professor of Mathematics.
B. A. Baker University, 1906.
Fellow Johns Hopkins University, 1911-12; Ph. D., 1912.

ROBERT CLARK YENNEY, M. D., PORTLAND.
Professor of Clinical Medicine.

FREDERICK GEORGE YOUNG, B. A., EUGENE.
Dean of Graduate School and
Professor of Economics and Sociology.
B. A. Johns Hopkins University, 1886.
University Scholar Johns Hopkins University, 1886-87.

JAMES CULLEN ZAN, M. D., PORTLAND.
Associate Professor of Clinical Surgery.

INSTRUCTORS AND ASSISTANT INSTRUCTORS

ROY C. ANDREWS, B. A., EUGENE.
Instructor in Botany.
B. A. University of Oregon, 1915.

CALLIE BECK, B. A., EUGENE.
Instructor in Education.
B. A. University of Oregon, 1915.

CECILIA SMITH BELL, B. A., EUGENE.
Instructor in English Literature.
B. A. University of Oregon, 1911.

LENORE COX, EUGENE.
Assistant in Botanical Laboratory.

ROSWELL DOSCH, EUGENE.
Instructor in Drawing.
Student of Emile Bourdelle.
Ecole de Beaux Arts.

FRED A. FRITSCH, EUGENE.
Instructor in Architectural Design.

CELIA V. HAGER, B. A., EUGENE.
Assistant in Psychology.
B. A. University of Oregon, 1912.

LOIS GRAY, B. A., EUGENE.
Assistant in Romance Languages.
B. A. University of Oregon, 1916.

MOZELLE HAIR, B. A., EUGENE.
Secretary of Extension Department.
B. A. University of Oregon, 1908.

ADA HALL, B. A., EUGENE.
Assistant in Zoology.
B. A. University of Oregon, 1917.

ROBERT C. HALL, EUGENE.
Assistant Instructor in Journalism.

ENOS L. KEEZEL, B. A., EUGENE.
Instructor in Education.
B. A., University of Oregon, 1916.

CAMILLA LEACH, EUGENE.
Assistant Instructor in Drawing.

CHALMER N. PATTERSON, B. A., EUGENE.
Assistant in Physics.
B. A. University of Oregon, 1917.

HAZEL VERN RADER, B. A., EUGENE.
Instructor in Women's Gymnasium.
B. A. University of Oregon, 1915.

GRACE REEVES, EUGENE.
Instructor in Education.

GILES M. RUCH, B. A., EUGENE.
Assistant in Education.
B. A. University of Oregon, 1914.

*ETHEL I. SANBORN, M. A., EUGENE.
Curator of Herbarium.
B. S. State College, South Dakota, 1903.
B. A. University of South Dakota, 1904; M. A., 1907.

ALFRED SHELTON, EUGENE.
Assistant in Zoology.

EDGAR W. SHOCKLEY, EUGENE.
Instructor in Physical Education.

MRS. C. C. THORNE, EUGENE.
Instructor in Public Speaking.

IDA VIOLA TURNEY, M. A., EUGENE.
Instructor in Rhetoric.
B. A. University of Oregon, 1912; M. A., 1913.

CATHARINE WINSLOW, Ph. B., EUGENE.
Instructor in Women's Gymnasium.
Ph. B. University of Chicago.
Graduate Chicago Normal School of Physical Education.

ANNA BENTON ZIMMERMAN, B. A., EUGENE.
Instructor in Spanish.
B. A. Leland Stanford, Jr., University, 1916.

*Leave of absence 1917-18.

FACULTY OF THE SCHOOL OF MUSIC

JOHN J. LANDSBURY, Mus. Dr. — EUGENE.
Dean School of Music and Instructor in Piano.

MRS. A. MIDDLETON, — Assistant Instructor in Voice.

WINIFRED FORBES,
Director of the Orchestra and Instructor in Violin.

MRS. JANE S. THACHER, — Instructor in Piano.

ALBERT PERFECT, — Assistant Instructor in Wind Instruments.

INA WATKINS, — Assistant Instructor in Piano.

RUTH DAVIS, Mus. Bach., — Assistant in Piano.

JESSIE FARISS, B. A., Mus. Bach., — Assistant in Piano.

MRS. ROSE POWELL, — Instructor in Public School Music.

FRANK V. BADOLLET, — Instructor in Flute.

LIBRARY STAFF

M. H. DOUGLASS, M. A., — Librarian.

BEATRICE J. BARKER, Ph. B., — Head Cataloguer.

*MARGARET C. UPLEGER, — Reference Librarian

MABEL EATON MCCLAIN, B. A., B. S., — Circulation Librarian.

MARTHA SPAFFORD, B. A., — Cataloguer.

OLGA E. OLSEN, B. A., — Order Clerk.

CAMILLA LEACH, — Art Librarian.

MILDRED G. BROWN, B. A., — Assistant.

DORA FRANCIS, — Assistant.

*Resigned April 20, 1918.

COMMITTEES OF THE FACULTY

THE UNIVERSITY COUNCIL—Consisting of the President of the University and all the full professors of departments at Eugene, who together constitute the legal faculty of the University.

ADVISORY COUNCIL—(Elective) Deans Sheldon, Straub, and Young, and Professors Barnett, Stafford and Gilbert.

ADVISORS FOR LOWER DIVISION—Professor Boynton and representatives from each Department.

ABSENCES—Deans Straub and Ehrmann.

ADMINISTRATION OF HONORS—Professors Howe, Stafford, and Cloran.

ADVANCED STANDING—Professors Stafford and McAlister and Registrar.

APPOINTMENTS—Professors Sheldon, Bates, Dunn, DeCou, Schafer, Schmidt and Boynton.

ATHLETICS—Professors Howe, McAlister and Hayward.

CATALOG—Professors Boynton and Turnbull and the Registrar.

COMMENCEMENT AND ASSEMBLY—The President and Professors Straub, Dunn, Gilbert, Allen, Landsbury and Burgess.

EDUCATIONAL PUBLICATIONS—Professors DeBusk, Schafer, Smith, Turnbull and Edmondson.

GRADUATE COUNCIL—Professors Young, Schmidt, Howe, Stafford, Sheldon and Boynton.

LIBRARY—(Regents) Hon. R. S. Bean and the Librarian.

REGISTRATION—Professors Caswell, Bates and Winger.

RE-EDUCATION—Professors Conklin, Gilbert and Rebec.

REVISION OF STUDENT COURSES—Professors DeCou, Thorstenberg and Prescott.

SCHEDULE—Professors Boynton, Stafford, McAlister, DeCou, Barnett.

SPECIAL STUDENTS—Professors DeCou, Clark and Edmondson.

STUDENT ADVISORY—The President and Professors Straub, Morton, Thacher, Hamilton and Ehrmann.

STUDENT AFFAIRS—Professors Straub, Ehrmann, Perkins, Thacher and Walker.

STUDENT INTELLECTUAL ACTIVITIES—Professors Rebec, Bates, Howe, Stafford, Allen, Smith and Parsons.

STUDENT LIVING—Professors Bovard, Cummings, Rebec, Sweetser and Conklin.

STUDENT RELIGIOUS AND MORAL ACTIVITIES—Professors Schafer, Rebec, DeCou, Caswell, and Cummings.

WAR COOPERATION—Professors Schafer, Stafford, Caswell, Powers, and Tingle.

THE UNIVERSITY OF OREGON

INTRODUCTION

HISTORICAL SKETCH

The University of Oregon was established by act of the State Legislature October 19, 1872, and located at Eugene. Deady Hall, the first University building, was erected by the citizens of Lane County, and presented to the Board of Regents in July, 1876. In September of the same year, the University opened its doors for the reception of students. The first class was graduated in June, 1878.

The preamble of the act of October 21, 1876, entitled, "An act to provide for the support and government of the University of Oregon," is as follows:

"WHEREAS, by an Act of the Legislative Assembly, approved October 19, 1872, it was provided that, in order to devote to the purposes of education the seventy-two sections of land donated to the State for the use and support of a State University by the Act of Congress of February 14, 1859, a State University, having for its design to provide instruction and complete education in all the departments of science, literature, professional pursuits and general education, be created and permanently located at Eugene; provided, that the Union University Association of Eugene should on or before January 1, 1874, secure a site for the same at or in the vicinity of Eugene, and erect thereon and furnish a building of not less value than fifty thousand dollars, for the use of the said University, on a plan to be approved, and after the erection of the same, to be adopted, by the board of commissioners for the sale and management of the school and university lands, and for the investment of the funds arising therefrom; and

"WHEREAS, said University Association of Eugene, having duly provided a site for said University, and erected thereon, on a plan first approved by said board of commissioners, a building for the use thereof, as provided in said Act of October 19, 1872, which site and building was by said board of commissioners, in July, 1876, duly accepted, and has since been duly conveyed by said University Association to the board of directors of said University; and

"WHEREAS, the directors of the University aforesaid did, in pursuance of an Act of October 19,1872, on August 9, 1876, elect and appoint a president and two professors of said University and also a principal and assistant teacher of the preparatory de-

partment therein, and did also 'fix the salaries of said president, professors and teachers and prescribe the tenure of their offices, the beginning and end of the school year of said University, the studies to be pursued thereat, the admission fees and rates of tuition, together with the qualifications for admission therein'; therefore, "Be it enacted by the Legislative Assembly of the State of Oregon:

"That the interest which may hereafter accrue on the fund arising from the sale of the University lands aforesaid, is hereby set apart and perpetually appropriated to the maintenance, use and support of the 'University of Oregon'."

The equipment of the University was at first very small, and the courses of instructions were limited practically to literary lines. The University grew rapidly, and the demand for a broader curriculum was met by the addition of engineering, scientific and technical courses. The Law School was established in 1884, and the Medical School in 1887. More recently the schools of Education, Architecture, Commerce and Journalism have been added. With the growth and development of the State, the University has increased in numbers and financial resources. Buildings have been erected, new departments added, and a large equipment installed.

During the early years of the institution, the only high schools in the State were located in two or three of the larger cities, and it was necessary for the University to offer preparatory courses in order that students graduating from the schools in smaller towns might continue their work by coming directly to the University. As the high school system of the state developed, it became possible to discontinue the first year of the academy course; a little later the second year was dropped; and finally in 1904, the academy was entirely abolished.

A similar growth may be seen in the evolution of the present course of study. When the University first opened its doors in 1876, the work of the different courses was practically all required. After a few years, options were allowed in the choice of language groups and substitutions were permitted for some of the technical requirements. Later a great number of possible combinations of required courses were offered, with a few elective hours. Then came the group system with the work for the first two years required, and the greater portion of the last two years elective except for a major elective requirement.

In the year 1904-05 the University adopted practically a free

elective system of undergraduate study, attempting by the requirement of a major subject, to which not over a third of the required hours were to be given, to give a definite direction to the work of each student, and encourage the high and intense scholarship for which a University should stand.

Finally, during the last academic year, the University has put itself in line with the most advanced educational practice by organizing its undergraduate work into the Lower and Upper Divisions. In the Lower Division, which comprises the work of the freshman and sophomore years, the aim is to have the student undertake such work as shall tend toward a broad general culture, together with a solid foundation for his more advanced work. This is attempted by a group system described in later pages of this catalog. In the Upper Division, comprising the work of junior and senior years, the student is required either to select a major subject, or to enroll in one of the Professional Schools of the University, for either of which he must have made the necessary preparation in the Lower Division. In the Professional Schools the course will be largely or wholly prescribed, while the major department may demand not more than half of the student's time for work in his special line, thus placing even more emphasis upon intense scholarship during the years when such specialization may be most profitably attempted.

A noteworthy enlargement of the functions of the University is the Correspondence and Extension departments, which bring the resources of the University within the reach of those who are unable to attend the regular organized classes on the campus, and further provide lectures for such communities as desire to avail themselves of the opportunity.

THE UNIVERSITY AND THE STATE

The aim of the University of Oregon in its relation to the educational system of the State is two-fold: First, to supplement the work of the high schools with a four years' university course; Second, to encourage graduate study. As an organic part of the State's public school system, the University sustains a relation to the high schools similar to that sustained by the high schools to the grammar grades. As those who have passed through the grammar grades may continue their studies in the high schools, so those

who have completed the full high school course may advance to the opportunities offered by the University. In a word, the University (exclusive of the Graduate School) embraces the thirteenth, fourteenth, fifteenth and sixteenth grades of the public school system. It completes the work begun in the grammar schools and continued in the high schools.

While the University furnishes instruction in the various branches requisite for a liberal education, and in the technical branches of architecture, commerce, education, journalism, law, medicine and music, it also aims to encourage research work in its departments, and to offer to those who have completed college courses at the University or elsewhere an opportunity to do graduate work along general or special lines.

In addition to its work as a part of the public school system, the University attempts to aid in the State's development by gathering exact and detailed information concerning its industrial resources, and by investigating, through its several departments, such civic and industrial problems as are of special interest to the people of the State.

Thoroughly in sympathy with the modern tendency toward the socialization of public opinion, it is the policy of the University to extend its activities to the service of the State in every way in which they may be of value.

GOVERNMENT

The government of the institution rests upon the inherent obligations of students to the University and to the state. The University is maintained at the public expense for the public good. Those who participate in its benefits are expected, as a matter of honor, not only to fulfill the obligations of loyal members of the institution, of the community, and of the commonwealth, but actively to aid in promoting intellectual and moral interests. Every student owes to the public a full equivalent for the expenditure in his behalf, in the form of superior usefulness to it, both while in the institution and afterwards. Students, therefore, cannot claim any exemption from the duties of good citizens and loyal members of the community and of the University; on the contrary, they are under peculiar obligations loyally to fulfill every duty. As members of the institution,

they are held responsible for regular attendance and the proper performance of their duties. As members of the community, students are amenable to the law; and, if guilty of its infraction, are liable to a termination of their relations with the University. The University recognizes its civic relations and rests its administration upon civic obligations.

LOCATION AND ENVIRONMENT

The University of Oregon is located at Eugene, in Lane County, at the head of the Willamette Valley. Eugene is 123 miles south of Portland, with which it is conveniently connected by the Southern Pacific, Oregon Electric, and the Portland, Eugene and Eastern railroads. Eugene is a prosperous community of 12,000 inhabitants. Its well-paved streets and street railway systems, its many fine public buildings and its attractive residence districts combine to produce an effect of municipal well-being. Eugene's effective public school system is given higher excellence by the completion of a new high school building, representing the most approved type of structure of its class. The municipal water supply—always a vital consideration—is exceptionally good. Copious, cold and pure, the water is subjected to twenty tests each week in the laboratories of the University—a final safeguard against dangerous bacterial contamination. The cultural and moral tone of Eugene is high, and the community is unusually free from corrupting influences.

The setting of Eugene is wonderfully picturesque, and presents the widest possible scenic diversity. The highly developed farms near by give way to wooded hills, and these, in turn, to the majestic crests of the Cascade and Coast ranges of mountains. The mountain streams of this region—especially the McKenzie—are justly famous for their trout fishing. No less excellent is the hunting. Pheasant, quail, duck, deer and other game are abundant. These attractions, with the compelling beauty and rugged grandeur of the natural scenery, bring annually to Eugene and nearby resorts great numbers of sportsmen, tourists and vacation seeking folk. The climate is delightfully equable, without extremes of either heat or cold and without sudden changes, tornadoes, or destructive storms of any nature.

BUILDINGS AND GROUNDS

The University grounds are situated about one mile southeast of the center of the city. Electric cars pass the campus every few minutes, giving easy communication with the business section and other parts of the city. The campus contains 80 acres of land, about evenly divided into two sections by East Thirteenth street. On the north campus are located the older University buildings; on the south campus the new administration building, the girls' dormitories, the president's dwelling, and the athletic field. The buildings are situated on a natural rise of ground overlooking the city. Native and exotic trees and shrubs are interspersed here and there with rose hedges and flower gardens. The whole is a beautifully kept lawn, with attractive walks and drives, and is one of the beauty spots of the State. The Willamette River flows along its northern border and the snow covered Three Sisters and peaks of the Coast Range are in full view.

The following buildings are located in the University grounds:

DEADY HALL, a four-story building, was presented to the State by the citizens of Lane County, and was named in honor of Matthew P. Deady, the first president of the Board of Regents. It houses the departments of Botany, Zoology, Physics and Romance Languages.

VILLARD HALL, erected in 1885, was named in honor of Henry Villard, the builder of the Northern Pacific Railroad, the greatest individual donor to the University's endowment. It is an imposing cemented brick building, and contains the departments of English and Latin, and the General Asembly Hall of the University.

MCCLURE HALL was built in 1900, and houses the departments of Chemistry and Psychology, and the School of Journalism. It has three floors, with laboratory facilities for 200 students at a time in Chemistry, 50 students in Psychology, and 50 in Journalism. The laboratories in Psychology occupy the north half of the second floor, while the psychological lecture room is located in the south half. The University printing plant is located in the basement.

COMMERCE HALL, erected in 1901, is devoted entirely to the work of the School of Commerce.

ARCHITECTURE HALL, erected in 1914, is a duplicate of Commerce Hall in general appearance, and is devoted to the use of the School of Architecture. Both Commerce Hall and Architecture Hall are two-story brick buildings.

THE GIRLS' GYMNASIUM is a brick building fitted with suitable apparatus for the use of the women of the University. The first floor contains the main hall, a room 45x70 feet, in connection with which there is a covered open-air exercising floor, 46x85 feet, and the director's office. The basement is completely equipped with shower baths, steel lockers and dressing rooms.

FRIENDLY HALL, the men's dormitory, erected in 1893, with additions completed in 1903 and 1914, is a three-story brick building, equipped with electric lights, steam heat, hot and cold water, well-furnished parlors and every convenience for the comfort of its occupants. For full information concerning rates and accommodations, see department of catalog, "Student Expenses."

LIBRARY HALL, built in 1907, is a two-story and basement building of pressed brick. On account of the rapid growth of the library, a new fireproof stack room of steel and concrete construction, was added in 1914. The library is located south of Deady Hall near Thirteenth street. The first floor contains the general reading room and a general reference room.

MARY SPILLER HALL, erected in 1907, was named for Miss Mary Spiller, the first woman member of the faculty. It is a two-story and basement building, and is used for the department of Household Arts.

MUSIC HALL was completed in February, 1909. It is a two-story building, located on University avenue, directly east of Architecture Hall.

THE MEN'S GYMNASIUM. The gymnasium for men is large and well arranged. It is fitted completely with all modern conveniences, the best appartus, an indoor running track, a swimming pool, shower baths, lockers, etc.

The athletic field has a four-lap track surrounding a well con-

structed football field. The grandstand and the bleachers will seat 9,500 people. At the southeast corner of the campus a level tract of 35 acres has been purchased as a site for a new athletic field, and the work of improving it is under way.

JOHNSON HALL, erected in 1915, and named after the first president of the University, is a two-story and basement building of fireproof construction. The administration offices of the University occupy the entire second floor. The first floor contains the Condon Geological Collection and Guild Hall. Guild Hall, with a seating capacity of 200, is fully appointed for student plays and for the work of the department of public speaking. The Dean of the College of Liberal Arts and the Dean of Women also have offices on this floor. The departments of Mathematics, Public Speaking and Geology occupy the basement.

OREGON HALL was completed in 1916. It is a three-story brick building, 80 feet by 120 feet in dimension, and contains all the departments of the School of Education, including the practice high school, the offices of the School of Extension Study, and the Law School.

HENDRICKS HALL, the women's dormitory, erected in 1918, will accommodate one hundred and nineteen girls. It is a three-story fireproof brick building of Colonial type. The rooms are arranged in suites, with a sleeping porch for each suite. It is intended primarily as a Freshman residence hall.

THE UNIVERSITY LIBRARY

STAFF

M. H. Douglass, M. A.,	Librarian
Beatrice J. Barker, Ph. B.,	Head Cataloguer.
*Margaret C. Upleger,	Reference and Periodical Librarian.
Mabel Eaton McClain, B. A., B. S.,	Circulation Librarian
Martha E. Spafford, B. A.,	Cataloguer.
Camilla Leach,	Art Librarian.
Olga E. Olsen, B. A.,	Order Clerk.
Mildred G. Brown, B. A.,	Assistant.
Dora Francis,	Assistant.

The University Library is a well-selected and rapidly growing collection of books now numbering about 80,000 volumes. Since 1908, the regular annual appropriation for books and periodicals and for binding has been $10,000, though a part of the time, because of unusual demands in other directions, the full amount has not been available. In 1916 a special appropriation of $5,000 was made for books on law and architecture to help meet the needs of the comparatively new schools of law and architecture.

The Library is supplied with the best general and special reference books; with the files of the principal American and English periodicals of general interest, and with many of the most useful sets of periodicals of special and scientific interest, both American and foreign. Over 700 periodicals are currently received,besides many of the daily and weekly newspapers of the State. Bound files of about 90 Oregon newspapers are on hand.

The Library is a depository for the public documents published by the United States Government.

The annual appropriation for books is sufficient to provide for the books most needed for use in connection with the courses given

*Resigned.

and for general reference work. It also makes possible the acquisition each year of a few of the larger and more expensive sets needed

The Library is open daily, except Sunday, from 7:45 A. M. to 10 P. M., except that on Saturdays it is closed at 6. Books, other than reference books and those especially reserved for use in the Library, may be drawn for a period of one month, and at the expiration of that time renewed if there is no other demand for them. All persons connected with the University have the privilege of drawing books, and the use of the Library for reference purposes is extended to the general public as well. Books that can be spared from the University are also loaned to other libraries, to superintendents and principals of Oregon schools, and to individual citizens of the State. During the year 1917, 784 packages, containing 2,402 items, were sent by mail to out-of-town patrons.

The original part of the present Library building was erected in 1907. Its ground dimensions are 90 by 60 feet, and it includes two stories above a high basement, the construction material being of pressed brick and stone and the interior wood finish the Oregon fir. It includes a general reading, reference and periodical room, cataloging rooms, librarian's office, a newspaper room, an unpacking room and storage space for duplicates, besides eight rooms now being used for recitation or similar purposes.

The stack room, erected in 1914, has an ultimate book capacity of from 125,000 to 150,000 volumes on five floors, though three stories only of the stacks have as yet been installed.

THE UNIVERSITY MUSEUMS

The University museums are three in number, as follows:

THE CONDON GEOLOGICAL MUSEUM

The geological collections occupy quarters in the new Administration Building and comprise the Condon Geological Museum. For a more complete statement about the Museum and description of the collections, see Bulletin No. 3, Vol. I (New Series), University of Oregon Publications. Copies may be obtained from the Registrar.

(1) The Condon Cabinet consists of many thousand specimens, and represents the life work of the late Dr. Thomas Condon. The Cabinet is especially rich in vertebrate fossils from the John Day Valley, and contains in addition many invertebrates and paleo-botanical specimens. This Cabinet is perhaps the finest collection of paleontological specimens in the Pacific Northwest.

(2) A display collection of minerals. This is a growing collection of especially fine minerals.

(3) A type collection of minerals. A collection of about 15,000 mineral specimens representative of the ordinary occurrence of the different minerals.

(4) A collection of organic economic minerals.

(5) A type collection of rocks, etc. This contains, besides the United States Geological Survey educational series of rocks, a collection from type localities in the Lake Superior iron-bearing and copper-bearing districts illustrating some of the oldest formations on the continent; also a collection of typical specimens from the Philippine Islands. Besides these are many isolated specimens from various and remote parts of the world.

(6) The M. I. H. Lawrie Loan collection of Krantz rocks and Wilke minerals, containing over 500 European rock types and about the same number of superb minerals from all parts of the world.

(7) An ethnological collection of tools and implements used by early man.

(8) A representative conchological collection.

In the collection is also a cast of the Willamette meteorite, the gift of Mr. D. A. Patullo, of Portland. The original meteorite was found 2½ miles west of Oregon City. Its dimensions are Extreme

length, 10 feet 3½ inches; breadth, 7 feet; height, 4 feet; estimated weight, 12 to 15 tons. It is now in the American Museum of Natural History, New York City. The museum, through Dr. E. O. Hovey, is said to have paid $20,000 for this meteorite.

BOTANICAL

The botanical museum consists of the following: (1) The Howell collection, consisting of 10,000 specimens, collected for the most part in Oregon, many of which are type specimens; (2) the Leiberg collection, presented to the University by Mr. John B. Leiberg in 1908, consisting of 15,000 sheets of specimens, collected principally from Oregon, Washington and Idaho, but including also some from other states. The specimens are for the most part duplicates of others deposited in the National Herbarium at Washington by Mr. Leiberg for the Government while he was in its employ, and are extremely valuable; (3) the Cusick collection, consisting of 7,000 specimens of Oregon and other flora; and the Edmund P. Sheldon collection, recently acquired by donation. These collectons are being constantly added to by gifts and exchange. All specimens not already classified are being classified and arranged in cases as rapidly as possible.

ZOOLOGICAL MUSEUM

The Zoological Museum is located on the third floor of Deady Hall. It contains a fine series of mounted and unmounted birds and mammals, to illustrate different groups; a collection of Oregon reptiles, made by Mr. J. R. Wetherbee; a series of fish, mostly salmonidae from the Columbia River, donated by the United States Government; a collection of food fishes of the Oregon Coast, made by Mr. J. B. Bretherton, of Newport, Oregon, and presented to the University.

It is further supplied with an excellent series of invertebrate animals, models of types from France and Germany. To this may be added casts of brains and head formations of various races, and a particularly fine series of wax models made from drawing by His in Zeigler's laboratory at Freiburg, illustrating different stages in the development of the human embryo and that of the chick; also a similar series showing the development of amphioxus, different forms of segmentation, etc.

THE UNIVERSITY LABORATORIES

GEOLOGY

MINERALOGY. The laboratory is equipped for work in descriptive and determinative mineralogy and crystallography, and contains the following mineral collections:

(1) A display set of minerals.

(2) The Wilke collection of world minerals, loaned by H. M. Lawrie, of Portland, Oregon.

(3) A labeled set of working material.

(4) An unlabeled working set, together with a quantity of unlabeled working material.

(5) A set of Penfield's Wooden Crystal Models.

PETROLOGY. A working collection of hand specimens of rock is examined and identified by each student. The department also maintains apparatus for grinding thin sections of rocks, and is equipped with petrographical microscopes and thin sections and the Krantz collection of rocks.

PHYSIOGRAPHY. Equipment for making relief maps has been added, as well as numerous charts and models for the illustration of physical features.

PALEONTOLOGY. The laboratory is especially well equipped for studying the paleontology of Oregon, and is rapidly adding a comprehensive working collection of the fosils of all geologic ages, as well as collections representing the faunas of neighboring states.

ECONOMIC GEOLOGY. The department is well equipped with minerals and ores for introductory work in this subject. A complete equipment for field geology has been added, including transits, plane tables, hypsometers, compasses, levels, etc., for instruction in every phase of topographical and geological mapping.

CHEMISTRY

The chemical laboratories are located in McClure Hall. All of the first floor and portions of the basement and second floor are devoted to chemistry. In the basement is the beginner's laboratory, which will accommodate 100 students. The desks are provided with

water, gas and electricity. On one side is a bank of hoods with very efficient draught. The hoods are supplied with water, gas, waste and hydrogen sulphide connections. Immediately adjacent to this laboratory is a dark room, also the departmental office.

On the first floor is the laboratory for analytical chemistry with 64 lockers, equipped in all respects as the one just described with the addition of an electrically heated drying room and steam bath. Opening from this room are the instructor's office and private laboratory. Adjoining the analytical laboratory is the general supply room. Across the hall is the lecture room, a comfortable room with inclined floor, having a seating capacity of about 120. Here also are cases containing a collection of organic and inorganic chemical specimens for illustrating class work. Back of the lecture room is a private laboratory.

On the third floor is located the organic laboratory; also the work shop.

Distilled water is supplied to all laboratories through block tin pipes. Alternating and direct current is available at all hours, the latter being supplied by a motor-generator set installed in the building.

Heavy and inflamable chemicals are stored in an annex adjacent to the main building.

The effort is made to keep the store room supplied with apparatus and chemicals to meet the requirements of the usual laboratory courses as well as to provide facilities for original investigation. A few reference books and periodicals belonging to the department are kept in the main office, and students are encouraged to make free use of these facilities. The bulk of the chemical periodicals and treatises, however, are to be found in the University library.

PSYCHOLOGY

The Psychological laboratory is now well equipped for practice or advanced work. It consists of a suite of nine rooms, in McClure Hall. All of the rooms are connected by an intercommunicating system of wires and speaking tubes, so that the isolation of students for delicate work is easily accomplished; and all are supplied with gas, compressed air and power circuits. One of the rooms is commodious enough for seminary and small class purposes, and another

can be readily made absolutely dark for adaptation purposes. The laboratory has a considerable store of the more simple apparatus and some of the more complex pieces. Each year additions are made of the best modern construction. For demonstrational work in connection with the courses in general experimental psychology and for laboratory practice the equipment of apparatus is already good, making it possible to illustrate and reproduce the principal methods of experimental study of the sensations, attention, emotional expression, fatigue, reaction times, etc.

PHYSICS

The physical laboratories are located on the first and second floors of Deady Hall. The laboratories for elementary and general work on the second floor furnish accommodations for workers in large sections. They include special dark rooms for photometry and photography. The equipment is very complete, including among others apparatus for the study of accelerated motion, of harmonic motion, and of central forces; thermometers of a wide range of sensitiveness, calorimeters for precision work, combustion calorimeters, and the Puluj apparatus for determining the mechanical equivalent of heat; lenses, laboratory telescopes, photographic cameras, spectroscopes, spectrometers, and an unusual collection of prisms and diffraction gratings, photometers, polarimeters, a Michelson interferometer, galvanometers, resistance boxes, ammeters and voltmeters, and a large electro-magnet. This equipment is supplemented by the collection of lecture-room apparatus, which is especially rich in the departments of light, electricity and magnetism. There is also a very complete collection of apparatus for elementary work, available to those who are preparing to teach in the high schools.

The special laboratories for advanced work are located on the first floor, and are provided with concrete piers for apparatus requiring unusual stability, and with storage battery, 110-volt direct current, alternating current of several potentials, and a system of distributing circuits. The special electrical laboratory has a notable equipment for electrical measurements, including resistances, standard capacities and inductances, potentiometers and galvanometers from the Leeds & Northrup Co.; ammeters and voltmeters from the American Instrument Co., from the Keystone Electrical Instrument

Co., and from the Weston Electrical Instrument Co.; wattmeters and dynamometers, a standard ohm by Otto Wolf, Weston Standard cells, including some which have been compared with those of the National Bureau of standards, precision photometers, standardized incandescent lamps, and the usual accessories of switches, commutators and electric motors. A high potential storage battery of 4,000 volts, high potential transformers and other equipment furnish opportunity for experimental work with electric waves and wireless telegraphy. The department is provided with X-ray tubes, electrometers and other equipment for the study of radio activity. A large dark room on this floor is available for this work and for precision photometry.

BOTANY

The Botanical department occupies the fourth floor of Deady Hall. The laboratory for the general botany classes has the regular equipment of work tables, lockers, and compound microscopes, as well as provision for the displaying of stereopticon illustrations and charts. This, as are all the other rooms, is furnished with gas and lighted with electricity. The department possesses a fine series of botanical models of flower types and insectivorous plants. The supply of preserved material is constantly being added to and is fairly representative of the various plant groups. Each student is expected to provide himself with dissecting set and drawing material, but the laboratory is prepared to furnish the necessary microscopical slides, reagents and glassware.

The collections of Mr. Howell, Mr. Leiberg, Mr. Cusick and Mr. Sheldon are available for students of systematic botany. Facilities are provided for the study and preservation of local material and for cataloging of plants sent from various parts of the State, and the department will be glad to name any specimen that may be sent to the herbarium for determination. The Bacteriological laboratory is well equipped for work, with its gas-fitted work tables and lockers combined, its autoclave, steam and hot-air sterilizers, incubator, hot water heater and compound microscopes with oil-immersion lenses.

ZOOLOGY

The laboratories of the Zoology department occupy the third floor of Deady Hall. A large roomy laboratory with north exposure

is provided for the work in General Zoology. Each student has the use of a compound microscope and is provided with a locker for instruments and note books.

Another large laboratory, also on the north side of the building, is used for Histology and Embryology. The apparatus and fittings in this room have been selected with the idea of making the work of each student as independent as possible. Each student is provided with a locker containing all necessary reagents and stains for making microscopic slides. The paraffin ovens are so arranged that each student has his own compartment, thus allowing experiments and special work to be carried on without interference. The laboratory is supplied with a large number of microscopic slides to supplement the work of the student and to illustrate special methods.

The equipment for work in Embryology is very complete. Besides a good collection of chick and pig embryos, the laboratory has a number of models illustrating the development of echinoderms, amphioxus, the frog, chick, pig and man.

On the south side of the third floor is the Anatomy laboratory. It is well provided with a large amount of working material for dissection, as well as a good series of skulls and skeletons illustrative of the various classes of vertebrates. Work in Human Osteology is provided for by a number of human skulls and skeletons, both articulated and disarticulated.

The Physiology laboratory, also on the south side, is well supplied with electrical connections, digestive ovens and water baths. There is also good equipment for experiments on muscle, nervous tissue, circulation and respiration, by which many of the laws of physiology can be worked out.

ADMISSION TO THE UNIVERSITY

ADMISSION TO THE FRESHMAN CLASS

Students are admitted to the freshman class on the completion of a four-year high school course or its equivalent, requiring not less than fifteen units of work as outlined below. The term "unit" means the equivalent of five recitations per week of not less than forty minutes each, in one branch of study, for a school year of not less than thirty-six weeks.

No student will be admitted to the University who does not have full freshman standing. (Exception may be made in case of bona fide special students.)

But students may be admitted at the beginning of the winter term on the principal's certificate that at least thirteen units had been completed before the beginning of the year, and that the student would be entitled to graduate at the mid-year with not less than fifteen units.

REQUIRED SUBJECTS

Each student entering the University is required to present certain specified subjects. The subjects with the required number of units in each are as follows:

English	3 units
Elementary Algebra	1 unit
Plane Geometry	1 unit
History	1 unit
Science, with laboratory work	1 unit
*One foreign language	2 units
Required of all students	9 units

*Students unable to present two units of foreign language for admission will be permitted to substitute an equal number of elective units subject to the following conditions: Students entering with no foreign language will be required to take in the University ten semester or fifteen term hours of foreign language, in addition to the amount otherwise required; those offering only one year, six semester or nine term hours additional.

Students looking forward to major work in mathematics, physics or architecture should present the following additional subjects:

Solid Geometry ..... ½ unit
Intermediate Algebra ..... ½ unit

Students planning to take the course in commerce should present the following additional subject:

Intermediate Algebra ..... ½ unit

ELECTIVE SUBJECTS

The remainder of the fifteen units not listed above may be selected from the subjects for which standard high schools give credit toward graduation, and may include additional work in the required subjects. The university reserves the right to set the maximum number of units which it will accept in any one subject.

Not more than four units may be offered in vocational subjects. No credit will be allowed for physical training and not more than one unit for music.

All students are urged to present four units of English.

EXCESS MATRICULATION CREDIT

Students who bring from accredited schools credits in excess of the requirements for matriculation must pass an examination at the University in the subjects covered by such credits before these may be counted as canceling any part of the 186 term hours required for graduation, but in no case shall the amount of college credit so allowed exceed 60 per cent of the number of hours such subject or subjects covered in the preparatory school. The preparatory subjects in which advanced credits may be so earned are as follows: Latin, German, French, Greek, Higher Algebra, and Trigonometry. All examinations for such credit must be taken before the student is promoted to the upper division.

REQUIREMENT IN ENGLISH

Every student upon entering the lower division of the University shall take a three-hour examination in written English. Upon the basis of this examination, the upper fourth of the students shall be

excused from required work in Freshman composition; the remaining three-fourths, including any who failed to take the examination, must complete a prescribed course in English composition, given three times a week for from one to three terms, depending upon their rank in the examination and in their class work.

At the middle of the second term of each year, the registrar shall send to each member of the faculty a list of the sophomore students. Each member of the faculty shall indicate after each sophomore's name whether his English is deficient or satisfactory and return the report to the registrar's office, and if three departments report any one student deficient in English, that student shall be required to complete satisfactorily a further prescribed course of three hours in English composition given in the third term of the sophomore year.

PROCEDURE OF REGISTRATION

1. Students presenting satisfactory credentials for admission to the lower division shall be given a card of admission by the registrar, and assigned to an adviser. If the student has taken the prescribed examination in English composition, and it has been passed upon prior to the date of the issuance of the card of admission, this card shall indicate the results of the examination in required English composition. If the student has not taken the examination, he shall take it as prescribed in paragraph 2, p. 46.

2. Students presenting satisfactory credentials for admission to the upper division, and students eligible for enrollment in the upper division, shall be given a card of admission to that division by the registrar.

3. Students who have once been admitted to either division need not secure new cards of admission in order to register for further work in that division.

4. The student shall present this card of admission to his advsier. In the case of a student entering the lower division, whose card does not indicate the results of the examination in required English composition, the student must also present either a certificate of attendance at the English composition examination, or a receipt for the late registration fee, required in paragraph 3, p. 47.

5. The adviser shall then provide the student with a registration card and adviser's duplicate registration card, and class record cards.

The adviser shall enter upon the registration card all courses for which the student is to be registered, and sign the card. It shall be the duty of the adviser to satisfy himself that the student has met the requirements for admission to any course entered upon the card.

6. The student shall fill out the adviser's duplicate registration card, and file the same with the adviser. This card shall correspond in all particulars with the registration card, and the registrar shall have access to it at any time. The student shall also fill out one class record card for each course entered upon his registration card.

7. The student shall then, if necessary, present his registration and class record cards to the "sections committee," which committee shall assign him to the proper section, or sections, and make suitable entries upon the registration and corresponding class record cards.

8. The student shall present his registration card, properly filled out, and signed by his adviser, and in the case of women students, countersigned by the dean of women; and his class record cards to the comptroller, and pay all fees. The comptroller shall retain these cards and turn them over to the registrar. The student is not registered until his fees have been paid.

TIME OF REGISTRATION

1. For the year 1918-19, Monday, September 30, 1918, shall be registration day for upper division students, and Tuesday, October 1, for freshmen and sophomores. The first day of the winter, spring or summer term shall be registration day for that term.

2. All students registering later than the registration day of the fall, winter or spring term, shall be required to pay a late registration fee of two dollars. This fee shall be in addition to any fee which the student may be required to pay under the provisions of the next section. The Registrar is authorized to remit the late registration fee whenever the late registration is due to causes beyond the student's control.

3. A student in residence during the fall or winter term shall deposit his registration and class record cards for the succeeding term, properly filled out, with the comptroller, at least one week before the close of the current term. The student, at his option, may either pay his fees at the time of depositing his cards, thus completing his registration, or he may defer the payment of fees until

registration day. A student failing to deposit his cards as provided in this section, shall pay a special fee of two dollars.

4. Changes of enrollment may be made up to the close of registration day, with the approval of the adviser, alone.

5. During Monday of registration week, the upper division advisers shall be assembled at the men's gymnasium, or some other appointed place, from 8:00 a. m. until 12:00 m., and from 1:00 p. m. until 5:00 p. m., and, during Tuesday, the lower division advisers shall likewise be assembled. The registrar's and comptroller's offices shall be kept open from 8:00 a. m. until 12:00 m., and from 1:00 p.m. until 5:00 p. m. on registration days.

6. A "sections committee," composed of representatives of those departments wishing to limit the enrollment in any sections of any courses, shall be assembled at the same times and places as the advisers. This committee shall notify the advisers of any courses in which the enrollment is to be limited, and the advisers shall then send their advisees to the committee for section assignments.

7. Instruction shall begin at 8:00 a. m. of the school day following the last registration day of each term. Prior to these times, the registrar shall send each instructor all the class record cards which have been filled out for his courses. No student shall be enrolled in any class until the instructor has received the proper class record card from the registrar.

REQUIRED ENGLISH COMPOSITION EXAMINATION

1. Upon the request of the principal of the school, or of any student wishing to take the examination, the prescribed examination in English composition may be given in any accredited school, upon appointed days announced in the university catalog. This examination shall be conducted under the supervision of the principal, who shall certify that it has been conducted in proper form.

2. Supplementary examinations shall be conducted at the university during Thursday afternoon of registration week, and during the afternoon of the day, not a holiday or Sunday, immediately preceding the registration day of each of the other terms. The instructor in charge of the examination shall give each student taking the examination a certificate of attendance.

3. Students failing to take the examination as prescribed in the two preceding sections, may be permitted to register upon the payment of a late registration fee of two dollars, but they shall be required either to register for English composition, or to take the examinations before the opening of the next term.

4. The rules regarding the exemption of students from English composition shall be applied to each examination group separately.

5. The result of the supplementary examination in English composition shall be posted not later than 8:00 a. m. of the day set for the registration of students entering the lower division.

METHODS OF ADMISSION

There are two modes of entrance to the University: First, by recommendation from accredited schools without examination; second, by examination. All students from schools not accredited to the University are subject to examination at the University.

ACCREDITED HIGH SCHOOLS

It is the policy of the University to adjust its standard of entrance requirements so as to be in close touch with the schools of the State that do earnest work, and at the same time to protect the scholarship of the University.

The State high school course is the basis of the requirements for entrance to the University, and the adoption of the State course at once simplifies the passage of students from high schools into the University. Only graduates of high schools having at least two teachers giving full time to high school work and which meet the requirements of standardization of the State Board of Education, are admitted to the University without examination. The following is the list of schools so standardized for 1917-18:

STANDARD OREGON HIGH SCHOOLS BY COUNTIES

Baker—Baker, Haines, Halfway, Huntington, Muddy Creek (Haines postoffice), Richland, Sumpter.

Benton—Alpine, Alsea, Bellfountain (Monroe postoffice), Corvallis, Kings Valley, Monroe, Philomath.

Clackamas—Canby, Colton, Estacada, Milwaukie, Molalla, Oregon City, Sandy, Willamette.

Clatsop—Astoria, Seaside, Warrenton.

Columbia—Clatskanie, Rainier, Scappoose, St. Helens, Vernonia.

Coos—Bandon, Coos River (Marshfield postoffice), Coquille, Marshfield, Myrtle Point, North Bend, Powers.

Crook—Prineville.

Curry—Gold Beach.

Deschutes—Bend, Redmond.

Douglas—Canyonville, Drain, Glendale, Myrtle Creek, Oakland, Riddle, Roseburg, Sutherlin, Wilbur, Yoncalla.

Gilliam—Arlington, Condon.

Grant—Canyon City, John Day, Long Creek, Monument, Prairie City, Mt. Vernon.

Harney—Burns.

Hood River—Hood River, Odell (Hood River postoffice, R. 2).

Jackson—Ashland, Butte Falls, Central Point, Gold Hill, Laurelhurst (Derby postoffice), Medford, Phoenix, Rogue River.

Jefferson—Culver, Madras.

Josephine—Grants Pass.

Klamath—Bonanza, Fort Klamath, Klamath Falls, Merrill.

Lake—Lakeview, Silver Lake.

Lane—Coburg, Cottage Grove, Creswell, Crow, Dorena, Elmira, Eugene, Florence, Irving, Junction City, Lorane, Mapleton, Marcola, Pleasant Hill, Santa Clara (Eugene postoffice), Springfield, Thurston, Walker, Walterville.

Lincoln—Newport, Toledo, Waldport.

Linn—Albany, Brownsville, Halsey, Harrisburg, Lebanon, Mill City, Scio, South Brownsville, Sweet Home, Tangent.

Malheur—Nyssa, Ontario, Vale.

Marion—Aumsville, Aurora, Hubbard, Jefferson, Salem, Scotts Mills, Silverton, Stayton, Turner, Woodburn.

Morrow—Heppner, Ione, Lexington.

Multnomah—Corbett, Gresham, Parkrose, Portland: Benson Polytechnic, Polytechnic for Girls, H. S. of Commerce, Franklin high school, James John high school, Jefferson high school, Lincoln high school, Washington high school.

Polk—Airlie, Ballston, Bethel, Dallas, Falls City, Independence, Monmouth, Perrydale.

Sherman—Grass Valley, Kent, Moro, Wasco.

Tillamook—Bay City, Cloverdale, Nehalem, Tillamook.

Umatilla—Athena, Echo, Ferndale (Freewater postoffice), Helix, Hermiston, Milton-Freewater, Pendleton, Stanfield, Umapine, Weston.

Union—Cove, Elgin, Imbler, La Grande, North Powder, Union.

Wallowa—Enterprise, Joseph, Wallowa.

Wasco—Dufur, The Dalles.

Washington—Beaverton, Forest Grove, Gaston, Hillsboro, Orenco, Tualatin.

Wheeler—Fossil.

Yamhill—Amity, Carlton, Dayton, Dundee, McMinnville, Newberg, Sheridan, Willamina, Yamhill.

PRIVATE SCHOOLS

Baker—St. Francis Academy.

McMinnville—Academy of McMinnville College.

Milton—Columbia Junior College.

Mt. Angel—Mt. Angel Academy.

Newberg—Pacific Academy.

Pendleton—St. Josephs Academy.

Philomath—Academy of Philomath College.

Portland—Columbia University, Hill Military Academy, St. Helens Hall, St. Marys Academy, St. Joseph School, Immaculata Academy, Y. M. C. A. Preparatory School.

Salem—Sacred Heart Academy.

ADMISSION FROM OTHER STATES

Graduates of high schools outside of Oregon will be admitted to the University without examination, on recommendation, when such schools are accredited to their own state university or to universities of equal rank.

ADMISSION TO ADVANCED UNDERGRADUATE STANDING

Advanced standing will be given students coming from institutions of collegiate rank, who can satisfy the committee on advanced credits that the courses offered are equivalent to those given by the University. All applicants for advanced standing must present a complete official transcript covering both their high school and college records, and a letter of honorable dismissal. These records must be filed with the Registrar on or before the day the student registers in the University.

ADMISSION TO THE SCHOOL OF LAW

The requirements for admission to the School of Law comprise the completion of a four-year high school course (see requirements for admission to the freshman class) and two years of work in the College of Literature, Science and the Arts.

ADMISSION TO SCHOOL OF MEDICINE

The requirements for admission to the School of Medicine comprise the completion of a four-year high school course (see requirements for admission to the freshman class), and two years of premedical work in the College of Literature, Science and the Arts. No student will be admitted to the School of Medicine who has not completed the full high school and college requirements.

REQUIREMENTS FOR ADMISSION TO SPECIAL STUDENT STANDING

The privileges of a special student are intended for those who, for any reason, are unable to complete a college course, but who are qualified by age, character, practical experience, purpose and habits of study to profit by University courses.

Special students shall be of two classes, as follows:

(1) Persons not candidates for a degree, who have met all the requirements for entrance to the freshman year, to be known as collegiate special students. They may be permitted to take one or more college courses for which they are fitted and shall be subject to the nine-hour rule, except that when registered for fewer than nine hours they must secure credit in them all.

(2) Persons of maturity, twenty years of age or over, and teachers in public or private schools, who present satisfactory credentials and testimonials, to be known as irregular special students. They may be permitted to take one or more college courses for which they are fitted, subject to the condition that they must complete satisfactorily 60 per cent of the work undertaken.

All applications for special student standing must be passed upon by the Committee on Special Students, who reserve the right to reject any petition, as they may deem wise, and to discuss and change any

proposed program of studies. Students, other than those of mature years, must give evidence of a definite object to be attained by the courses sought.

Students who have met all the requirements for entrance to the freshman year, and are candidates for a degree, shall be considered regular students, even tho for sufficient reasons they may be permitted to take less than the minimum number of hours. They shall be subject to the nine-hour rule, except that when registered for fewer than nine hours they must secure credit in them all.

CHANGE OF ENROLLMENT

Any changes in the study card which may be necessary after the card is filed, are made by a supplementary card of change of enrollment. Up to the close of registration day, this will require only the signature of the adviser. After this date, it must be signed by the instructors of the course which is being dropped, and of the new course, as well as by the adviser. After ten days from the date of the student's registration, such change can be made only on petition granted by the proper committee on revision of students' courses. After November 1, February 1, and May 1, of the respective terms, the committee will not consider such petitions. Such changes of course, when permitted on petition after ten days, involve the payment of a fee of one dollar.

Students may withdraw from courses with the consent of their advisers and the instructors involved, up to November 1, February 1, and May 1, of the respective terms; but if this leaves less than the regular minimum number of hours prescribed, it requires the approval of the committee on revision of students' courses. After these dates, and until December 1, March 1, and May 24, respectively, withdrawals are permitted only on petition, and with the specific recommendation of the adviser. After these latter dates, no withdrawals are permitted.

A student may be dismissed from a course at any time by the instructor in charge, after consultation with the adviser of the student involved. Such dismissal is considered a failure, and is indicated in the report by the grade "F."

WITHDRAWAL FROM THE UNIVERSITY

Students withdrawing from the University shall fill out either a Leave of Absence Card or a Card of Withdrawal. Failure to comply with this regulation will lay the student liable to a grade of "F" for all his courses. These cards may be obtained from the registrar. No student may withdraw after December 1, March 1 and May 24 of the respective terms, except on petition and with the special recommendation of his adviser.

AMOUNT OF WORK

The regular maximum number of hours, in addition to prescribed physical and military training, for students in the first three years, is sixteen; minimum, thirteen; for students in the senior class, maximum, sixteen; minimum, twelve. A smaller number of hours may be advised and permitted, on petition, in case of limited physical strength or large amount of outside work.

Students without deficiencies having an average grade above "M" in any term, may be permitted, the next term, to take one additional hour, and those making grades of "S" and "H" in two-thirds of the number of hours regularly carried, and none below "M," may take two additional hours, the excess credits being forfeited in each instance in case of failure to maintain the standard indicated.

Except when permitted to register for a smaller number of hours, all students must make passing grades in at least nine hours each term. Students failing to make the required number of hours in any term, are placed upon probation for the next term in which they are registered in the University, unless a year or more has intervened. If, at the end of the second term, the student has not completed satisfactorily seventeen hours for the two terms involved, he is dropped from the University. Students failing to make the required number of hours in the spring term, are subject to the same regulations for probationed students, unless, before registering again for work in the regular academic year, they shall have completed, in summer school, by correspondence, or otherwise, sufficient university credits to total, when added to those earned in the term mentioned, at least fourteen term hours.

CONDITIONS AND INCOMPLETES

All conditions and incompletes in college subjects must be made up within one year.

Examinations for the removal of conditions will be held on the first Monday and the following Tuesday in December, and on the first Monday and the following Tuesday in May, and at the regular examination times. Conditions and incompletes may also be made up at any time acceptable to the instructor, though students do not have the right to demand examinations at any time except the regular dates set.

ADVISERS

In the lower division, students are assigned to their advisers by the chairman of the committee of advisers. Change of advisers is made only on the initiative of the adviser, when it appears that the best interests of the students may be served by the change. In such a case, a new assignment of adviser is made by the chairman of the committee.

In the upper division, the student elects a school or department, and the dean or department head becomes his adviser, or at his option assigns an adviser. Change of school or major department in the upper division may be made only on petition to the faculty.

THE LOWER DIVISION

The lower division comprises the work of freshmen and sophomore years. Beginning with the present academic year all students entering the lower division are assigned to members of the faculty who act as their advisers. Each adviser is expected to make a study of the preparation and needs of the students assigned to him, and help them make out the courses that will best meet those needs. The adviser is responsible for provision on the card for the various University requirements, and his signature on the card, indicating his approval, is necessary before it can be filed.

Physical training, and in the case of men, military training, must be put on all lower division cards, unless the student is specifically exempted by the department, or has already fully satisfied the requirements. English composition goes on all freshman cards

except those exempted as a result of the examination. Practical ethics, and for the girls personal hygiene, should go on all freshman cards, if possible, but it is desirable in the case of girls to have these two courses taken in different terms. Any courses required on account of irregularities in meeting matriculation requirements, such as the beginning of the first foreign language, should be taken at the earliest opportunity.

GROUPS

Except in the case of pre-vocational courses specifically authorized by the faculty, each student must, before promotion to the upper division, secure credit for not less than twelve term hours in each of the three following groups:

1. English and other languages (not including prescribed English composition).
2. Social Sciences.
3. Mathematics and sciences (the latter including laboratory or field work).

It is intended that courses taken to satisfy this requirement should be substantial courses, typical in both substance and method. At least two of these groups should appear on the card the first year.

PROMOTION

When a student has satisfactorily completed not less than ninety-six term hours of work, according to an approved program, including prescribed physical culture or military drill, has satisfied the requirements in written English, and has met the requirements of the school or department which he elects, he shall be promoted to a full standing in the upper division. A student may be permitted to begin the work of school or department in the upper division at the beginning of any semester, provided he does not lack more than six term hours of meeting the requirements given above for full promotion.

UPPER DIVISION

Students entering the University before the academic year 1917-18 must meet the following requirements for graduation: they must have earned pasing grades in at least 124 semester hours, or 186 term hours of work, including prescribed physical training, the requirement in written English, and two years of work in foreign

language, of not less than twelve semester hours or eighteen term hours. They select a major department, the head of which then becomes their adviser. The major subject may be changed, without petition, at the beginning of any academic year, up to and including the beginning of junior year, but change at any other time is permitted only by petition. The adviser may require from twenty to forty semester hours (thirty to sixty term hours) of work in the major department, but not more than forty-five semester hours of work in any department is counted towards the degree.

ATTENDANCE AT CLASSES

All students are expected to attend classes regularly. Daily reports are sent to the registrar by all instructors. Any student not present at at least 80 per cent of the recitations in any subject will be barred from examination in that subject. One-tenth of a term hour will be deducted for each absence from class; provided, however, that when a student is refused examination in a subject on account of absences, no extra credit shall be deducted from other courses for such absences. Excuses for absences on account of sickness may be granted only at the discretion of a committee of the Deans. Students wishing absences excused must file with the Registrar a written request specifying the dates of the absences and the reasons therefor.

LEAVING TOWN

Every student before leaving town during the session of the University is expected, as a matter of courtesy, to obtain a temporary Leave of Absence card. These cards may be obtained by the women from the Dean of Women, and by the men from the Dean of the College of Liberal Arts.

SCHEDULE OF MARKS

The University uses the following schedule of marks: H—highest or honor; S—superior; M—medium; P—passing; F—failure.

As an average for a term of years approximately 50 per cent of the students in the class receive the grade "M," which indicates satisfactory or average work; 20 per cent receive the grade "S," and 5 per cent the highest or "H" grade; approximately 25 per cent of the class will receive grades lower than the average.

Cond., conditioned. Quality of work unsatisfactory and probably re-examination required. The mark "Cond." is counted the same as "F," failure, in estimating the number of hours a student has made (under the nine-hour rule) for the term.

Inc., incomplete. Quality of work satisfactory, but unfinished for reasons acceptable to instructor, and additional time granted.

W., withdrawal from class at least one month before the beginning of the final examination period.

Both incomplete and conditioned work must be made up within one year. Failure means that the student cannot receive credits until the work is regularly re-registered and taken over again.

HONORS

Honors granted by the University on graduation are of two kinds: Honors in General Scholarship, and Honors in a Given Subject.

1. Honors in General Scholarship.

Students shall be graduated with honor in general scholarship when for each term hour of their credits ranking below "S" they shall have three term hours which rank above "S," provided none are below passing.

2. Honors in a Given Subject.

These honors shall be based upon excellence of work in connection with one or more honor courses designated by the major profesor, considered in connection with general excellence in the subject of the department. The standard of requirements is intended to be so high that the proportion of students attaining honors in a department will be small, and in more than one department exceedingly small. These honors are intended to be the highest honors conferred by the University upon the candidate receiving the Bachelor's or Master's degree, and equivalent to a recommendation for a scholarship or fellowship in a graduate school.

Seniors may be admitted to honor standing upon registration in the first term; juniors upon registration in any term. Honor courses shall be listed on the regular registration card. Candidates for honors shall have been registered for such honors during at least three terms previous to the honor examination.

Each term the Registrar publishes a list of all who are candidates for honors.

(Detailed information may be secured from the Registrar.)

GENERAL INFORMATION

PUBLICATIONS

THE UNIVERSITY OF OREGON BULLETIN is published monthly, except during the summer vacation. Under this are included the general catalog and announcements of the various schools and colleges of the University.

THE EXTENSION MONITOR is a monthly magazine published by the University for distribution among correspondence students. Its purpose is to disseminate such directions and items of information as are to be sent to all students alike, and at the same time to bind the correspondence students, so far as possible, into a united corps and create among them a spirit of associated effort such as exists in a high degree on the campus in the famous "Oregon Spirit."

THE COMMONWEALTH REVIEW is issued quarterly as the publication agency of the community and commonwealth service movement instituted under the auspices of the University of Oregon.

THE UNIVERSITY OF OREGON PUBLICATIONS, a series of scholarly contributions from the various departments of the University.

THE UNIVERSITY NEWS BULLETIN is a page of news items sent about twice a month to the newspapers of Oregon. The people of Oregon own and support the University, and the effort is made to carry to the people such information about the University as will be of interest.

THE OREGON EMERALD is published three times a week during the college year by the Student Body of the University. The paper is devoted to general college news, and aims to keep the students, faculty and alumni posted concerning the every-day happenings at the University and neighboring institutions. The staff consists of an editor and a business manager, with a large corps of volunteer assistants. The editor and the manager are elected in May of each year, serving a one-year term. The assistants are appointed by the editor and the manager.

THE OREGANA is published annually by the Associated Students. It is a book of 400 pages, and from 700 to 1000 copies are issued.

Its object is to present the life of the University from the student viewpoint, and to that end it includes stories of University life, cuts of buildings and grounds, drawings, campus scenes, class records, etc.

ORGANIZATIONS

THE ASSOCIATED STUDENTS exercise general control over all student affairs within the University. The general management of its affairs is entrusted to an executive committee, consisting of a president, vice-president, secretary, and two members at large. Officers are elected on the second Wednesday in May of each year.

THE STUDENT COUNCIL consists of twelve members, whose duties and powers are as follows:

1. To act as an intermediary between faculty and students.

2. To appoint a yell leader and supervise features connected with University rooting.

3. To direct entertaining of visiting teams or any others who are guests of the University.

4. To assume charge of all others items of importance in which the students may be directly interested and which are not specifically ascribed to the Athletic Council or the Executive Committee.

5. To act as a board of appeal before which any student directly connected with the University of Oregon may place questions of student welfare.

THE COUNCIL OF WOMEN STUDENTS holds regular meetings every two weeks for the discussion of matters pertaining to the welfare of the University women. Each club, sorority, and dormitory has one representative, and an equal number of representatives are chosen by the girls not living in clubs. All members of the Council are seniors.

LITERARY

THE LAUREAN AND EUTAXIAN CORPORATION was organized with a state charter in 1877 to further the literary interests of the societies of the University. Its library was for years the sole library of the University, and it furnished the nucleus for the present library.

The Eutaxian Society is the literary society of the women of the University. It was organized in 1877, and has given valuable training to the numbers of students who from year to year have planned its work and carried out its programs. The program, which is varied from time to time, includes prepared and impromptu addresses, reviews and discussions of current events, debates and parliamentary drills. Resident alumnae members take an active part in the work of the society, a fact which adds greatly to the strength and value of the organization.

DRAMATIC

The University is particularly fortunate in the opportunities offered to students along this line of activity. In addition to the "Mask and Buskin" chapter of the national "Associated University Players," an organization which is devoted to the production of good plays and the stimulation of dramatic interest on the campus, credit courses in dramatic interpretation are given in the department of Public Speaking, which has its own headquarters, a cosy, well-equipped and self-supporting playhouse, where the University drama is enacted. "The Company," an honor organization in the dramatic interpretation courses, presents the best of these plays, and during the last year turned many dollars over to the Red Cross, as well as paying all the running expenses of the theater.

MATHEMATICAL CLUB

The Mathematical Club was organized in the fall of 1916 by the students of the department of Mathematics. Meetings are held monthly, at which discussions of all phases of the subject of mathematics are conducted by the students and faculty. All students in the department of Mathematics and allied departments are eligible for membership.

CHRISTIAN ASSOCIATIONS

The Young Men's Christian Association of the University is a large organization of college men, and as a student activity occupies a prominent place on the campus. The purpose of the association is to conserve, unite and develop the religious side of the stu-

dent, to render service in numberless ways to the student, and to furnish such activities for the student as will give him an opportunity to learn to live a life of Christian service.

The program of the association includes meeting and helping new students, social affairs of a democratic nature, a free employment bureau, the promotion of Bible study classes, religious meetings, various lectures, friendly visits, deputation trips, and many other forms of social service.

Last year the association, through its employment bureau, aided working students to the extent of almost $5,000.00.

The association is supported by voluntary subscriptions on the part of the students, faculty, alumni, parents and friends. Its efficiency as an institution of service is constantly increasing.

The general secretary will be glad to hear from any student or prospective student who desires information or help. Address him, in care of the University of Oregon, Eugene, Oregon, or call at the office in Deady Hall immediately upon arrival at the University.

THE YOUNG WOMEN'S CHRISTIAN ASSOCIATION was organized in March, 1894. Its purpose is to crystallize the Christian element in the University, and make the influence of that element felt among all the young women. Its social function is an important part of its work. New students are met as they come from the trains, and everything is done to make them welcome. Devotional meetings are held every Wednesday afternoon at 4 o'clock in the Bungalow. Officers are chosen the first week in January to serve one year. Any young woman wishing information in regard to the association is invited to correspond with the general secretary of the association at Eugene.

The publicity committee of the Young Women's Christian Association has undertaken the work of an employment bureau, to secure employment for girls who wish to take that means of helping themselves through college. A canvass of Eugene is conducted each year and a list made of desirables places of this sort. Work can easily he found in pleasant homes, which will enable a young woman to make her own way fully or in part.

INTERCOLLEGIATE ORATORIAL ASSOCIATION

The Intercollegiate Oratorial Association is an organization of the following colleges and universities of Oregon: Pacific College, McMinnville College, Albany College, Oregon Agricultural College, Pacific University, Willamette University and the University of Oregon. An annual contest is held each year in turn at each of the colleges interested.

INTERCOLLEGIATE DEBATING LEAGUE

The Intercollegiate Debating League was organized in 1906 and now consists of the University of Washington, the University of British Columbia, and the University of Oregon. Each institution has two teams, which support opposite sides of the question. The affirmative team remains at home and the negative team goes abroad. Debates are held each year with the Oregon Agricultural College. There is also an annual debate between the girls of the University of Washington and the University of Oregon.

OREGON HIGH SCHOOL DEBATING LEAGUE

The Oregon High School Debating League was organized in 1907 by Professor E. E. DeCou, for the purpose of promoting debating in the high schools of the state. During the school year of 1917-18, sixty high schools were enrolled and were divided into 12 districts: Lower Columbia, Upper Columbia, West Side, Portland, North Willamette, South Willamette, Coos Bay, Southern Oregon, South-Central Oregon, Southeastern Oregon, Eastern Oregon, and Umatilla. The various schools first settle the district championship, then the district champions debate one another until but two are left, and these hold the final debate for the championship of the state at the University of Oregon, on University Day in May. The winning team gains possession for one year of the University of Oregon cup, which will become the permanent property of the school winning it three times. The present officers are George W. Hug, of McMinnville, president, and R. W. Prescott, of Eugene, secretary-treasurer. The executive committee consists of the officers and J. A. Churchill, State Superintendent of Public Instruction, Cornelia Marvin, State Librarian, and P. L. Campbell, President of the University

of Oregon. The annual meeting of the league is held each year in Portland in connection with the meeting of the superintendents' section of the State Teachers' Association.

ATHLETICS

The Athletic Council of the University of Oregon, consisting of three members of the faculty and the president of the University ex officio, three members of the alumni association, and three members of the student body, the graduate treasurer, ex officio, and the president of the student body, ex officio, exercises control over all athletic interests of the University. The football, track, basketball, baseball and tennis teams are all under its direct supervision.

INTRAMURAL ATHLETICS

The University emphasizes as far as possible intramural athletics, with a view that the greatest good may result to the greatest number. Interclass and interclub teams in basketball, tennis, track and baseball for men, and in basketball and tennis for women, bring to many who would otherwise take little or no exercise a very large benefit in the way of physical relaxation and recreation. Two golf courses are available, the University links on the campus and the links of the Eugene Country club.

Women's Athletic Association. This association was organized to promote sane athletics among the women of the University and the girls of the high schools of the state.

It sponsors the Women's Tennis Club, a most vigorous organization; with the Women's Department of Physical Education it takes charge of occasional contests with Oregon Agricultural College; manages an Annual Field Day on the campus and heads the Oregon Trail Girls, an athletic organization which has camps in a growing number of the state high schools.

MILITARY

Daily military drill is required of all men in the University. The department of Military Science is thoroughly complete, and covers work in Field Engineering, Topography, Medical Service, Military Law, Military Organization, etc.

MUSICAL

THE MEN'S GLEE CLUB is a student organization open to all. The Glee Club is composed of about twenty men, chosen by a competitive tryout held during the first week of the University year. Annual concerts are given in Eugene, and a tour of the state is made during the Christmas holidays.

THE GIRLS' GLEE CLUB consists of 24 voices, chosen in the same manner as the men's club. An annual concert is given and a trip taken each year.

THE UNIVERSITY CHOIR is composed of the two glee clubs. The music for the monthly vesper services is given by this organization.

THE UNIVERSITY BAND is also filled by competitive tryouts. The band furnishes music for games, rallies, student affairs of many kinds and gives concerts both in Eugene and in other cities of the state, and is the band of the University Battalion.

THE UNIVERSITY ORCHESTRA practices throughout the year. An annual concert is given, and the orchestra also has a prominent part in the commencement music. Concerts are also given in other cities. Those playing throughout the year are allowed one semester hour of credit.

NATIONAL HONORARY SOCIETIES

SIGMA DELTA CHI—A national journalistic society for students who intend to follow journalism as a life work. Students are eligible the second semester of the sophomore year. Honorary memberships are conferred.

TAU KAPPA ALPHA—A national forensic society. Students representing the University in any branch of intercollegiate forensics automatically become eligible to membership in this organization.

ALPHA KAPPA PSI—A national commerce society for students who expect to follow commercial careers following graduation. Major students in the School of Commerce become eligible to membership at the beginning of the second semester of the sophomore year.

THETA SIGMA PHI—A national woman's journalistic society for women students in the University interested in journalism.

Sigma Upsilon—A national literary society for students interested in the production of literature.

Delta Theta Phi—A national law society. The membership of this society is composed of students majoring in the School of Law.

Associated University Players—A national society for upperclass students interested in the writing and acting of drama.

Zeta Kappa Psi—A national woman's forensic society.

STUDENT LOAN FUND

Through the generosity of Mr. Willaim M. Ladd, of Portland, Mr. A. S. Roberts, of The Dalles, and the class of 1904, the University Loan Fund was begun. Although for a number of years the total amount of the fund reached only a little over $500.00, yet its benefits were large, and through it many students were enabled to complete their college course who otherwise could not have done so. At the beginning of 1909, Senator R. A. Booth, of Eugene, became interested, and through his efforts a number of others, among whom were Mr. Theodore B. Wilcox and Mr. J. C. Ainsworth, of Portland, and Mr. John Kelly, of Eugene, made substantial donations. The University now has the following funds, amounting to $7693.21.

The General Loan Fund, established by Mr. William M. Ladd, of Portland, Mr. A. S. Roberts, of The Dalles, the class of 1904, Mr. Theodore B. Wilcox, of Portland, and other donors whose names have not been given, amounts approximately to $1496.92.

The Roberts Loan Fund of $165, established by Mr. A. S. Roberts, of The Dalles, now amounts to $512.11.

The Booth Loan Fund of $1000, established by Senator R. A. Booth, of Eugene, now amounts to $1533.45.

The Ainsworth Loan Fund of $1000, established by Mr. J. C. Ainsworth, of Portland, now amounts to $1350.64.

The D. P. Thompson Loan Fund of $1000, established by the estate of the late D. P. Thompson, now amounts to $1499.66.

The Condon Loan Fund of $500, established by Mrs. Ellen Condon McCornack, in memory of her father, the late Dr. Thomas Condon, for many years professor of geology in the University, now amounts to $736.92.

THE KELLY LOAN FUND of $100 established by Mr. John F. Kelly, of Eugene, now amounts to $143.40.

THE SELLING LOAN FUND of $100, established by Mr. Ben Selling, of Portland, now amounts to $130.11.

THE CLASS OF 1911 LOAN FUND. The class of 1911 established a loan fund which, when all paid in, will amount approximately to $650.00. The interest of this fund is kept separate from the principal, the plan being to use the interest to publish a class history once each three years. The fund at present amounts to $290.00.

The very generous donations have made it possible more nearly to meet all of the requests for assistance. Loans are made at a low rate of interest and every precaution is made to safeguard against loss. The matter of loans is in the hands of a committee consisting of the President of the University, the Dean of the College of Liberal Arts, the Dean of Women, the Comptroller and the Registrar. Applications for loans are made on blanks furnished by the Registrar. At present loans are not made before the beginning of the sophomore year.

The women of the University are eligible also to receive aid from the Scholarship Loan Fund of the State Federation of Women's Clubs.

TEACHERS' BUREAU

The University maintains a Teachers' Bureau. It does not guarantee to find positions for all its graduates, but it will assist them in every way possible to find good locations. It is under the direction of the School of Education and occupies the full time of a paid secretary. The demand for well-trained University graduates to fill positions as principals and teachers in the high schools of Oregon is good. All assistance which the University can give is freely at the command of its students and graduates who are prepared to teach.

BUREAU OF EDUCATIONAL RESEARCH

In order for a school superintendent or a high school principal to measure the progress of his school, he must have a definite point of departure, a definite goal, and some unit of measure to determine how far he has moved from the point of departure towards that goal. The best known method, to date, to measure such progress is by a

system of educational tests. They set up a definite point of departure and they indicate the units of progress made along the "educational highway."

In order that the various schools of the state may have a better chance to measure more definitely their educational progress, and that there may be a chance to compare one school with another in the same class and size, Professors in the School of Education are securing the various Educational Tests and Tests in Physical and Mental Measurements for testing both grade and high school pupils. These tests will be furnished at cost to the various schools, and will be ready for distribution the latter part of September. Definite directions for giving the tests will be sent out from the University, and in some instances, especially in Physical and Mental Measurements, the tests will be conducted in person by the professor in charge at the University.

We are asking that the data be sent to the University where they will be compiled, comparisons and correlations will be made and published in bulletin form for the use of the various schools cooperating.

GENERAL ASSEMBLY

A general assembly of the University is held each Wednesday at 10 a. m. Appropriate exercises are held and addresses are made by invited guests, or by the president or members of the faculty of the University.

ALUMNI ASSOCIATION

The Alumni Association of the University of Oregon was organized in 1879. The membership consists of all the graduates of the University. The objects of the association are to "Advance the cause of higher education, to promote the interests of the University of Oregon, and to encourage mutual acquaintance and good fellowship among the alumni." The annual meeting is held at Eugene during Commencement Week. The business of the association is transacted mainly by the alumni council, which consists of the president, vice-president, secretary and nine members elected at large. Meetings of the council are held during the year, according to the convenience of the members and the urgency of the business presented. The dues of the association are one dollar a year.

PRIZES AND SCHOLARSHIPS

PRIZES

The Failing Prize

The Failing prize, not to exceed one hundred and fifty dollars, is the income from a gift of twenty-five hundred dollars made to the University by Hon. Henry Failing of Portland. It is awarded "To that member of the senior class in the Classical, Scientific or the Literary course prescribed by the University, or such course as may, at the time, be substituted for either of said courses, who shall pronounce the best original oration at the time of his or her graduation."

In 1917 the Failing prize was awarded to Earl Fleischmann.

The Beekman Prize

The Beekman prize, not to exceed one hundred dollars, is the income of a gift of sixteen hundred dollars made to the University by Hon. C. C. Beekman of Jacksonville. It is awarded under the same conditions as the Failing prize, for the second best oration.

In 1917 the Beekman prize was awarded to Nicholas Jaureguy.

The Bennett Prize

The Bennett prize is the income from a gift of four hundred dollars made to the University by Hon. Philo Sherman Bennett of New Haven, Connecticut. It is given for the best student paper on the principles of free government. The annual income is about $16.00.

Alumni Medal

The Alumni medal is presented annually by the Alumni Association of the University to the best individual student debater.

The Edison Marshall Prizes

Prizes of $10.00 for the best short story, and $5.00 for the second-best short story, are given each year by Edison Marshall, ex-'17. Contestants are limited to undergraduates regularly enrolled and in good standing. The contest is under the direction of the Department of Rhetoric.

SCHOLARSHIPS

Medicine

The University of Oregon School of Medicine offers annually one full scholarship and two half scholarships. The holder of the full scholarship is exempt from all fees except some incidentals, the total reduction from the regular fees of the session being $120.00 for the first and second years of attendance. The half scholarship carries a reduction of $60.00 for each session in the same way. Two half scholarships cannot be united to make one full scholarship. The scholarships are awarded to graduates of the University of Oregon having a bachelor's degree of not more than three years' standing at entrance to the Medical School. The awards are made by the Faculty of the University, subject to approval of the Medical Faculty.

Collegiate Alumnae Scholarship

The Oregon Branch of Collegiate Alumnae offers to the young women of Oregon a scholarship of $200.00 at the University of Oregon.

Application for this scholarship should be made through an informal letter stating fully the work done in the preparatory school and the course desired in the University, with whatever further information the candidate may consider desirable. The candidate who, in the judgment of the committee, is the best fitted to do excellent work will be appointed. Applications may be addressed to the chairman of the committee, Miss Laura Northrup, Lincoln High School, or 599 Elizabeth street, Portland, Oregon.

The Mary Spiller Scholarship

The Mary Spiller Scholarship is given by the State Association of the University of Oregon Alumnae, in memory of Miss Mary Spiller, the first woman member of the faculty of the University. It consists in the payment of board and room rent at Hendricks Hall, situated on the University campus, for one school year.

Any girl graduate of an accredited high school of Oregon is eligible to this scholarship and it may be given to the same person more than one year, if the committee think it wise so to award it.

Applicants for this scholarship should send their applications, with any recommendation or information which they may wish to include, to the Corresponding Secretary of the Association, Mrs. Camille Bovard, 242 Fourteenth avenue East, Eugene, Oregon.

Portland Pan-Hellenic Scholarship

The Portland Pan-Hellenic Society gives an annual scholarship to the University of $250.00. The society selects its own girl each year to receive it.

Rhodes Scholarship

These scholarships are of the value of 300 pounds a year, and are tenable for three years.

The examination for Oregon is held at a center fixed by the local Committee of Selection. It should be clearly understood that this examination is not competitive, but simply qualifying, and is merely intended to give assurance that every elected scholar is up to the standard of the first examination (responsions) which the University demands of all candidates for the B. A. degree.

The Rhodes scholars are selected from candidates who have successfully passed this qualifying examination.

Candidates must be unmarried and must be citizens of the United States. Candidates are eligible who have passed their nineteenth birthday, but have not passed their twenty-fifth birthday on October 1 of the year for which they are elected.

It has been decided that all scholars shall have reached, before going into residence at Oxford, at least the end of their sophomore or second-year work at some recognized degree-granting university or college.

For the present, no appointments are being made to this scholarship in Oregon.

STUDENT EXPENSES

INCIDENTAL FEE

There is no tuition at the University of Oregon. The incidental fee of $10.00 per year by students in all departments of the University and also the student-body tax of $8.00 per year for the support of student enterprises, are paid in installments of $6.00 at the beginning of each term. At the time of payment the student receives a ticket which admits him free of charge to all contests, concerts, games, etc., given on the campus by the Associated Students during the term. Graduate students are not required to pay the student-body tax. The fees in the School of Music vary with the instruction.

A diploma fee of $10.00 is charged for each degree taken. The rules prescribe that no person shall be recommended for a degree until he has paid all dues, including the diploma fee.

GENERAL EXPENSES

Comparative statement of student's expenses for the academic year, from September to June:

	Low	Average	Liberal
Incidental fee	$ 10.00	$ 10.00	$ 10.00
Student-body tax	8.00	8.00	8.00
Board and room	162.00	225.00	270.00
Sundries	120.00	157.00	312.00
	$300.00	$400.00	$600.00

The expenses of one person for a year vary according to the circumstances of the case, but, as will be seen from the above statement, are in general very low. The following estimate is probably substantially correct: Board and room from $20.00 to $30.00 per month. The usual price in clubs run by the students is $25.00 per month. Students often rent rooms and do light housekeeping, thus reducing the cost of living much lower than the figure given above.

FRIENDLY HALL

Friendly Hall, the men's dormitory, is a three-story brick building located on the campus. The men living in the dormitory have

a club organization, which is thoroughly democratic, by means of which, aided by the natural advantages of location, a pleasant home is secured. The home and social life is cared for in a large, pleasant reading and reception room on the ground floor. The rooms are furnished throughout, with the exception of a mattress, bedding and towels, which are supplied by the occupants. The building is steam-heated, and an abundance of hot and cold water is on each floor; with shower baths, lavatories, etc. There are about fifty rooms, which furnish accommodations for 60 or 70 men. The double rooms, or suites, easily accommodate three men, and some of the single rooms accommodate two men. The rooms and building are cared for by the dormitory management, under the direction of the University. Board is $4.50 a week, though it is possible that the rise in prices may make it necessary to charge a higher rate in the fall. The dining-room accommodates 90 men. The dormitory is run at cost, with only a small margin at the end of each school year for replacement and repairs, so that the students patronizing it are enabled practically to live for cost. All possible savings and economy are effected by the management in the way of buying and serving, so that the service in the dormitory is much better for the amount paid than can possibly be secured in private homes.

Following is a table of the expenses other than board:

Room rent per term, including laundry for beds, payable at beginning of each term, per room.....$10.00
Room deposit, returnable at end of year..... 10.00
Board is payable monthly, in advance.

Applications for rooms should be addressed to the House Director, Friendly Hall, University of Oregon, Eugene. If rooms are available at the time of the application, an assignment will be made at once; otherwise the names will be kept on file, the rooms to be assigned in order of application as vacancies may occur. The room deposits should either be sent in with the application, or when the assignment is made.

HENDRICKS HALL

Hendricks Hall was erected in 1918 and will accommodate 112 girls. The hall is, primarily, a freshman hall, hence the membership

of upperclasswomen is closely limited. If residence is taken it must be maintained for at least one term.

Hendricks Hall is a substantial three-story brick building, fireproof in construction, colonial in type. The unit plan has been followed. The reception hall, drawing room, reception rooms, dining room, kitchen, the head resident's suite of sitting room, bedroom and bath together with the two guest rooms and bath and the eight student suites constitute the first unit. There are ten student suites each in the two remaining units, making in all 28 student suites. Each unit contains three bathrooms, provided with tubs, shower bath, large shampooing bowl and clothes chute for linen directly to the laundry.

Each student suite is built to accommodate four girls. The suite consists of a study, wardrobe passage, dressing room and sleeping porch. The study is equipped with a large study table, chairs, couch and bookcase and floor rug. The dressing rooms are provided with washing bowls, chiffoniers, mirrors. Separate wardrobes and drawers are provided for each occupant and four beds are arranged on an individual sleeping porch for each suite. Steam heating radiators are placed in the studies and in the dressing rooms, and hot and cold water is piped into each washing bowl. The entire hall is tinted in soft French gray, and the woodwork is enameled gray or white. The furnishing of the reception hall, drawing room and reception rooms as well as the Dean's sitting room, are of the true colonial type, principally mahogany with overstuffed davenports and easy chairs. The floors are of polished oak, and a large braided rug, together with new fluff rugs, continue the colonial motif. A great fireplace completes the charm of the room.

The spacious dining room carries out the colonial suggestion. Tables arranged for eight make possible table service and promote the family idea, rather than the institution idea.

The kitchen is modern in every sense. Steam sterilization in the dish-washing is acquired by the use of an electric dish-washer. A thoroughly hygienic refrigerator system is maintained. The basement of the building is given over to a well-equipped laundry for student use, a drying room, furnace rooms, trunk rooms, luggage closet, cold storage plant and storage space.

The general impression of the entire hall is one of an elegant, artistic home with adequate equipment for the individual members of the family.

Reservations for rooms in Hendricks Hall must be made through the House Director not later than September 15, for the fall term; December 15, for the winter term; and March 15, for the spring term. A room deposit of $5.00, payable to Mr. L. H. Johnson, Comptroller, is required when the reservation is granted. The deposit will be returned when the occupant leaves the hall, provided the room and equipment are left in good condition. Deposits will not be returned if relinquishments of reservations are made later than one week before the opening of the term.

Privileges of the bathrooms, laundry, reception rooms, telephones, as well as the privilege of guests at meals and of the house, are explained in the detailed pamphlet bearing upon the regulations of the hall.

TERMS

(a) Board, $4.00 per week, payable by the month, before the 10th. A refund of 50 cents per day is made for absences of not less than three consecutive days when notice is given in advance.

(b) Room, $1.00 per week, payable by the month, before the 10th.

(c) Furnishing fee, $1.00 per month.

(d) Guest Fees—

Meals: Breakfast, luncheon and Sunday tea....25c
Dinner 35c
Guest room, per night.....50c
Guest entertained in student suite.....25c

(e) Rooms will be equipped with electric globes. A charge of 25 cents is made for renewals.

ROOMS IN PRIVATE FAMILIES

The University publishes about September 15 of each year a directory of approved rooming and boarding places. The directory is sent free of charge, upon application to the Registrar. The number of rooming and boarding places each year is large, and students will have no trouble in finding good locations. Ordinarily, it is not advisable to engage a room before reaching Eugene. The price of

rooms varies from $1.00 to $3.00 per week, and board from $4.50 to $6.50 per week. The average price for room and board in private families is $25.00 per month.

SELF-SUPPORT

Seventy per cent of the men attending the University are either wholly or in large part earning their own way by work in the summers and work done during the college year. Eugene is a growing town of 12,000 inhabitants, whose citizens are friendly to the University, and take pleasure in affording to students the opportunity to earn their necessary expenses. The work available during the session consists of janitor work, typewriting, reporting, tutoring, waiting on table, clerking, clothes pressing, odd jobs, etc. The Y. M. C. A. and Y. W. C. A. conduct free labor bureaus, which are at the service of the students. The University is glad to be of all possible assistance to those desiring to find work. In writing regarding employment, address the Secretary of the University Y. M. C. A. or Y. W. C. A., who have charge of the employment bureau.

LABORATORY FEES

In all laboratory courses a charge is made for the use of the laboratory and its equipment, for supplies used, and for breakage. At the end of the term or year, depending on the course taken, any cash balances are returned or collected, as the case may be. Payment of the fee must be made before enrollment in any laboratory course.

BOTANY

1.	Botany	$2.00	
2.	Botany	2.00	
3.	Botany	2.00	
105.	Botany	2.00	
106.	Botany	5.00	each term
107.	Botany	5.00	
108.	Botany	2.00	
109.	Botany	2.00	

CHEMISTRY

1.	General Chemistry	$4.00 each term
3.	Analytical Chemistry	4.00 each term
105.	Organic Chemistry	5.00 each term
108.	Physiological Chemistry	4.00 each term
112.	Adv. Anal. Chemistry	4.00 each term
116.	Physical Chemistry	4.00 each term
229.	Adv. Theoretical Chemistry	4.00 each term

GEOLOGY

1.	General Geology	$1.00 each year or part of year
7.	Military Topography	1.00 each term
104.	Mineralogy	2.00 each term

HOUSEHOLD ARTS

1a.	Household Sewing and Garment Making	$ .50
1b.	Household Sewing and Garment Making	.50
1c.	Household Sewing and Garment Making	.50
2a.	Elementary Textiles and Dress Design	1.00
2b.	Elementary Textiles and Dress Design	1.00
2c.	Elementary Textiles and Dress Design	1.00
3a.	Food Economy in War Time	.50
4c.	Housewifery	.50
5a.	Elements of Cooking	5.00
5b.	Elements of Cooking	5.00
5c.	Elements of Cooking	5.00
6a.	Elementary Food Economy	.50
6b.	Elementary Food Economy	.50
6c.	Elementary Food Economy	.50
100a.	Food and Nutrition	2.00
100b.	Food and Nutrition	2.00
100c.	Food and Nutrition	2.00
102a.	Practical Food Preparation for Social Workers	1.00
102b.	Practical Food Preparation for Social Workers	1.00
102c.	Practical Food Preparation for Social Workers	1.00
104a.	Home Nursing	1.00

HYGIENE AND PHYSICAL EDUCATION FOR WOMEN

Laboratory fee for each woman registered in the department.....$ .75 each term
Laboratory fee for each woman not registered in the department, for use of the baths or swimming pool.... .75 each term

PHYSICAL EDUCATION FOR MEN

Locker fee .....$1.00 each term

PHYSICS

1.	Essentials of Physics	$4.00
2.	Essentials of Physics	4.00
3.	Essentials of Physics	4.00
4.	General Physics	4.00
5.	General Physics	4.00
6.	General Physics	4.00
103.	Photography	4.00
107.	Electrical Measurements	4.00
108.	Electrical Measurements	4.00
109.	Electrical Measurements	4.00
110.	Physical Technics	4.00
111.	Electricity and Matter	4.00
112.	Electron Theory	4.00
113.	Electron Theory	4.00
115.	Theory of Light	4.00
116.	Theory of Light	4.00
124.	Adv. Laboratory and Thesis	4.00
125.	Adv. Laboratory and Thesis	4.00
126.	Adv. Laboratory and Thesis	4.00
204.	Adv. Laboratory and Thesis	4.00
205.	Adv. Laboratory and Thesis	4.00
206.	Adv. Laboratory and Thesis	4.00

PUBLIC SPEAKING

6.	Dramatic Interpretation	$1.50 each term
7.	Dramatic Interpretation	1.50 each term

8.	Dramatic Interpretation	1.50 each term
101.	Adv. Dramatic Interpretation....	1.50 each term
102.	The Company	1.50 each term

PSYCHOLOGY

1.	Elementary Psychology (For 5 hrs. credit)	$2.00 each term
103b.	Adv. Psychology Laboratory.....	2.00 each term
107.	Research and Thesis	2.00 each term
108.	Mental Measurements	2.00 each term

ZOOLOGY

1a.	General Zoology	$2.00 each term
1b.	General Zoology	2.00 each term
1c.	General Zoology	2.00 each term
1d.	General Zoology	2.00 each term
4.	General Zoology	2.00 each term
2.	Cytology and Comparative Histology	5.00 each term
3.	Embryology	5.00 each term
	Mammalian Anatomy	5.00 each term
7.	Biology of the Bird	5.00 each term
101.	Physiology	5.00
102.	Physiology	5.00
105.	Protozoology	5.00
106.	Research Laboratory	5.00 each term

ORGANIZATION OF THE UNIVERSITY

GRADUATE SCHOOL.

COLLEGE OF LITERATURE, SCIENCE, AND THE ARTS.
- General Courses in Liberal Arts.
- Special Courses including—
  - Course Preparatory to Medicine.
  - Course Preparatory to Law.
  - Course in Household Economics.

SCHOOL OF ARCHITECTURE AND ALLIED ARTS.

SCHOOL OF COMMERCE.

SCHOOL OF EDUCATION.

SCHOOL OF JOURNALISM.

SCHOOL OF LAW.

SCHOOL OF MEDICINE.

SCHOOL OF MUSIC.
- Theory, Harmony, and Musical History.
- Piano.
- Voice.
- Violin.

SCHOOL OF EXTENSION STUDY.

SUMMER SCHOOL.

THE GRADUATE SCHOOL

ORGANIZATION

The administration of the Graduate School is entrusted to the Graduate Council, of which the Dean of the school is chairman. The council has such authority as is sanctioned by the faculty of the University. The Graduate Faculty is composed of those offering courses approved as carrying graduate credit.

ADMISSION

Any graduate holding a Bachelor's degree or its equivalent from a reputable college or university, will be admitted to the Graduate School without examination, and may register for such graduate work as he may be found prepared to enter upon, but he will not thereby be admitted to candidacy for a higher degree until his case has been duly considered and approved by the Graduate Council.

All inquiries concerning admission to the Graduate School should be addressed to the Dean. The student intending to become a candidate for a higher degree should file with the Dean as his credentials his diploma, a copy of the catalog of the institution from which he graduated, and a transcript of scholarship record as an undergraduate and for graduate work completed, if any, in other institutions.

If the rating of the institution from which he received his first degree is such that he will need a year's additional work before beginning real graduate work at this institution, he would do better to enter one of the undergraduate schools of the University and obtain the preliminary training and an acceptable Bachelor's degree.

College graduates who simply desire to take additional work of an undergraduate grade without a view to preparation for an advanced degree should apply directly to the Registrar and follow the procedure prescribed for undergraduates in registering. Such college graduates will, however, have the status of graduate students and will be exempt from the undergraduate student-body tax.

FEES

All graduate students, not members of the instructional staff, are required to pay a registration fee of $10.00 for each year in which

they do residence work. Members of the instructional staff may register for graduate work on payment of a registration fee of $5.00. The fees for graduate work done through correspondence include a fee of one dollar for each credit hour of graduate courses undertaken.

REGISTRATION PROCEDURE

A graduate student in residence, but not a candidate for an advanced degree, can complete his residence by paying the registration fee for the term at the Comptroller's office, and filing a study card for the term at the Registrar's office, which has been filled out by the professor in charge of his major line of work. Graduate students not candidates for an advanced degree, and not in residence, will follow procedure of registration prescribed for all students in the School of Correspondence Study.

A graduate student who desires to do graduate work for an advanced degree, whether he begins in absence or in residence, should first have filed his credentials with the Dean of the school and have filled an application blank. He will then be advised as to what departmental heads to confer with for determining the lines of work advisable for him to undertake. In case the graduate student selects a line of work for graduate study for which he had not as an undergraduate taken the requisite foundational courses, it will be necessary for him first to take the prerequisite, or undergraduate courses, without graduate credit.

The Graduate Council, with the aid of the credentials filed and the plans of study submitted by the heads of the departments interviewed, will pass upon the requirements to be made of the candidate for earning the degree applied for. The candidate having the conditions thus definitely determined under which he may begin his work for a higher degree, pays the required registration fee and files each term a study card filled out by his major professor. The courses on it to carry credit toward earning the degree must have the approval of the Graduate Council.

ASSIGNMENT OF STUDIES

The heads of the departments in which the student chooses to take his major and minor work determine the combination of courses

that he shall pursue, subject to the approval of the Graduate Council. These departmental heads, along with an additional member of the Graduate Faculty selected on the basis of the amount of personal knowledge of the character of student's work, shall constitute his Special Committee, who shall conduct his examinations, and upon completion of all requirements certify to the Graduate Council his having earned the degree. The head of the department in which the candidate for an advanced degree takes his major work shall be his adviser and chairman of his special committee.

DEGREES GRANTED

The University now offers the following advanced degrees: Master of Arts and Master of Science.

Requirements for These Degrees

(1) Residence Requirement. The regular minimum residence requirement made of candidates for the Master's degree shall be one year. However, if the candidate's major and minor lie in departments that offer the requisite graduate courses at the summer school and through correspondence-study, so as to make possible the earning of the credits necessary to meet the scholarship requirements made of candidates for the Master's degree, the following modified residence requirements will be accepted, subject to the approval of the Graduate Council:

(a) The minimum residence requirement made of candidates who offer a combination of approved graduate summer school and graduate correspondence-study courses, shall be 27 term hours, of which 18 term hours at least must be earned in summer school courses, and the remainder of the residence requirements shall be fulfilled through study in libraries and laboratories under the direction of the head of the department in which the candidate is preparing his thesis.

(b) In order that the courses taken in summer school and through correspondence-study may be acceptable for A. M. credits, they must be listed as courses for "graduates and advanced undergraduates," and must be sanctioned by the resident heads of the respective departments as graduate courses.

All work done through correspondence-study for the Master's degree shall be in regularly outlined and organized courses of the Correspondence-study department, except that the Graduate Council may by special action sanction a proposed line of study for earning graduate credit that is specified by the head of the department concerned.

(2) Scholarship Requirements. The work to be counted toward an advanced degree must be divided between a major subject and a minor, the former receiving approximately 30 term hours and the latter 15. Nine of the 45 hours may, at the option of the candidate's Special Committee, be assigned to the thesis. All candidates must, on or before Monday of the third week before the last of the University year in which the degree is to be conferred, file with the Registrar for the Graduate Council a thesis approved by the chairman of his Special Committee having charge. Within the week in which the thesis is filed the candidate shall sustain a public oral examination by his Special Committee.

No graduate student shall receive any credit toward a degree for grades less than "M." At least one-third of the credits required for the degrees of Master of Arts or Master of Science shall be "H" or "S."

MASTER'S DEGREE THROUGH SCHOOL OF MEDICINE

The Master's degree may be earned through graduate work in the Medical School of the University at Portland. The requirements for this degree in medicine are those specified by the committee on education of the American Medical Association, with such adaptations only as are made necessary by the administrative organization of the Graduate School of the University.

COLLEGE OF LITERATURE, SCIENCE AND THE ARTS

THE FACULTY

P. L. Campbell, LL. D., President.

John Straub, Lit. D., Dean of the College of Literature, Science and the Arts, Professor of Greek Language and Literature.

Percy Paget Adams, B. S., Professor of Graphics.

James D. Barnett, Ph. D., Professor of Political Science.

Ernest Sutherland Bates, Ph. D., Professor of Rhetoric and American Literature.

Hugo Bezdek, B. A., Director of Men's Gymnasium.

John Freeman Bovard, Ph. D., Professor of Zoology.

William Pingry Boynton, Ph. D., Professor of Physics.

Julia Burgess, M. A., Professor of Rhetoric.

Albert E. Caswell, Ph. D., Professor of Physics.

Herman Aldrich Clark, M. A., Assistant Professor of Latin.

Robert Carlton Clark, Ph. D., Professor of History.

Timothy Cloran, Ph. D., Professor of Romance Languages.

Edmund S. Conklin, Ph. D., Professor of Psychology.

Peter Campbell Crockatt, M. A., Professor of Economics.

Mabel Louise Cummings, Director Women's Gymnasium.

Burchard Woodson DeBusk, Ph. D., Professor of Secondary Education.

Edgar Ezekiel DeCou, M. S., Professor of Mathematics.

Frederick Stanley Dunn, M. A., Professor of Latin Language and Literature.

Charles H. Edmondson, Ph. D., Professor of Zoology.

Elizabeth Freeman Fox, B. A., Dean of Women and Professor of Sociology.

Albert N. French, M. A., Assistant Professor of Education.

James Henry Gilbert, Ph. D., Professor of Economics.

Chester A. Gregory, M. A., Professor of Education.

William L. Hayward, Associate Director Men's Gymnasium.

Herbert Crombie Howe, B. A., Professor of Modern English Literature.

John J. Landsbury, Mus. Dr., Professor of Music.

Lt. Col. John Leader, Professor of Military Science.

Edward H. McAlister, M. A., Professor of Mechanics and Astronomy.
Earl L. Packard, Ph. D., Assistant Professor of Geology
Mabel Holmes Parsons, M. A., Professor of Rhetoric.
Ellen M. Pennell, Assistant Professor of Art.
Mary H. Perkins, M. A., Professor of Rhetoric.
Robert W. Prescott, B. A., Professor of Public Speaking.
George Rebec, Ph. D., Professor of Philosophy.
Archibald F. Reddie, B. A., Professor of Public Speaking.
Joseph Schafer, Ph. D., Professor of History.
Friedrich Georg G. Schmidt, Ph. D., Professor of German.
Alfred Herman Schroff, Professor of Fine Arts.
Henry Davidson Sheldon, Ph. D., Professor of Education.
Frederick LaFayette Shinn, Ph. D., Professor of Chemistry.
Warren D. Smith, Ph. D., Professor of Geology.
Orin Fletcher Stafford, M. A., Professor of Chemistry.
Fred L. Stetson, M. A., Professor of Education.
Albert Raddin Sweetser, M. A., Professor of Botany.
Robert B. Teachout, Ph. D., Assistant Professor of Psychology.
W. F. G. Thacher, M. A., Professor of Rhetoric.
Harriet Thomson, B. A., Assistant Director Women's Gymnasium.
Edward Thorstenberg, Ph.D., Professor of Scandinavian Languages.
Lilian Tingle, Professor of Household Arts.
Mary Watson, M. A., Assistant Professor of English Literature.
Roy M. Winger, Ph. D., Professor of Mathematics.
Frederick George Young, B. A., Professor of Economics and Sociology.
Roy C. Andrews, B. A., Instructor in Botany.
Cecelia Smith Bell, B. A., Instructor in English Literature.
Lois Gray, B. A., Assistant Instructor in Romance Languages.
Celia Hager, B. A., Assistant Instructor in Psychology.
Ada Hall, B. A., Assistant Instructor in Zoology.
Camilla Leach, Assistant Instructor in Drawing.
Chalmer N. Patterson, B. A., Assistant Instructor in Physics.
Hazel Rader, B. A., Instructor in Physical Training.
Edgar W. Shockley, Instructor in Physical Education
Ida V. Turney, M. A., Instructor in Rhetoric.
Catherine Winslow, Ph. B., Instructor in Women's Gymnasium.
Anna Benton Zimmerman, B. A., Instructor in Romance Languages.

ORGANIZATION

The College of Literature, Science, and the Arts includes the following departments:

Botany, Chemistry, Rhetoric and American Literature, English Literature, Economics and Sociology, Education, Geology, Germanic Languages, Greek, History, Household Arts, Hygiene and Physical Education for Women, Latin, Mathematics, Mechanics and Astronomy, Military Science, Philosophy and Ethics, Psychology, Physics, Physical Education for Men, Political Science, Public Speaking, Romance Languages, and Zoology.

SPECIAL COURSES

For the outlines of courses in the lower division preparatory to the professional courses in architecture, commerce, journalism, and law, see the special announcements of these schools. For the pre-medical course, see the announcement of the Department of Zoology. The requirements for special certificates for work in music, and for the professional degree of Bachelor of Music are stated in the announcement of the School of Music.

The School of Education is now preparing special professional courses to meet the demands of the high schools for teachers of certain of the more usual combinations of subjects. For details consult the dean of the school.

Students entering the best engineering schools often take from two to four years of work in liberal arts as a foundation for their professional work. For such the following pre-engineering course has been outlined:

First Year

English	9 hours
Foreign Language	12-15 hours
Mathematics	12 hours
Chemistry	12 hours

Second Year

Foreign Language	9-12 hours
Mathematics	12 hours
Physics	12-15 hours
Mechanical Drawing	6 hours

Upper Division

Analytical Mechanics	9 hours
Descriptive Geometry	2 hours
Graphic Statics	2 hours
Electrical Measurements	9 hours
Mineralogy	6 hours
Economics	10 hours
History	9 hours

WAR SERVICE SUGGESTIONS FOR UNIVERSITY WOMEN

The present is the trained woman's opportunity; never have there been quite so many calls for her services, and never have the positions open to her been so varied. Although the present is only an indication of what may be in the future, still it is pretty safe to assume that the trained woman's opportunities and responsibilities will increase rather than diminish.

The woman who is at the top in her profession, who has a broad knowledge of the thing she is doing, and who can do it unusually well, will always be in demand. There are new opportunities for service that are being opened to women as a direct result of the war, but many of them call for training that will be as valuable for peace as for war.

The customary lines of University training in which women have been interested are already outlined in the catalog by the various departments and schools. The following suggestions are given to aid women who want to enter some of the newer fields and who are in doubt as to the courses they should take. This brief outline of courses does not attempt to do more than to point the way to a few of the more attractive lines of work for which well-trained women are in great demand.

Social Workers: Recent economic changes, evolution of our social order; scientific city, district and state planning; social agencies; and recent economic changes in the United States and England. Also genetic psychology, exceptional children, playground supervision and courses in home economics.

Commercial Positions: Accounting, efficient store management, and office management.

Clinical Laboratory Assistants: The premedical courses with bacteriology.

Physician's Secretary: Premedical courses with abnormal psychology and office management.

Nursing: As for physician's secretary but omit office management and include food preparation, remedial exercise and massage.

Industrial Chemists: Chemistry 1, 3 and 5 as basic courses with additional courses dependent upon the kind of chemical work for which the student wishes to prepare.

Reconstruction Work: Human and applied anatomy, physiology, kinesiology, remedial exercises and massage; personal hygiene, and emergencies and bandaging.

Journalists in Home Economics: Journalism 1, 102, 104, 107, and special courses in home economics.

LOWER DIVISION

For the work of the freshman and sophomore years the University has adopted the name "Lower Division." Each student in the Lower Division is under the supervision of a member of the faculty, who acts as his adviser, making out and signing his study card.

Required Work

A term hour is the credit given for a course consisting of one recitation, lecture or laboratory period a week for one term of twelve weeks. Three hours constitute a laboratory period.

Before promotion from the Lower to the Upper Division, a student must complete not less than sixty-four semester hours, or ninety-six term hours, including prescribed Physical Training, satisfy the University requirements in English, the Group Requirements, and the requirements for admission to a professional school, or to the work of a major department.

Physical Training—In addition to the 120 semester, or 180 term hours required for graduation, four semester or six term hours shall be earned in physical training to be taken in the freshman and sophomore years. In case students are for valid reasons excused from

physical training, such students shall earn an equivalent amount of credit in other departments, i. e., students excused from gymnasium shall complete 124 semester or 186 term hours of University work for graduation. Three hours in the gymnasium each week for one term shall be equivalent to one term hour.

Most of the subjects open to students in the Lower Division are included in one or another of the following groups:

1. English and other languages (not including prescribed English Composition).
2. Social Sciences.
3. Mathematics and Sciences(including laboratory or field work).

Each student must before promotion take not less than twelve term hours in each of these groups.

The entrance requirements for each of the professional schools will be found in the appropriate places. Advisers are provided with full statements of the requirements of each department for admission to its advanced courses.

UPPER DIVISION

The work of the junior and senior years is designated as the "Upper Division."

Students who have met the requirements for promotion from the Lower Division or do not lack more than six semester hours of such promotion, may be enrolled in the Upper Division.

Thesis. Each candidate for the baccalaureate degree shall present at the option of his major professor an approved graduating thesis in his major subject. Credit not to exceed four semester or six term hours may be allowed for the preparation of the thesis.

Degrees

When a student, in addition to full promotion from the Lower Division, has completed sixty semester or ninety term hours of work in the Upper Division, including the requirements of his major department, he may be granted the degree of Bachelor of Arts, or Bachelor of Science, as indicated below. But work done before promotion to the Upper Division, or to remove a condition in this promotion, is not counted toward the required hours.

In order to receive the degree of Bachelor of Arts, in addition

to the general requirements just mentioned a student must have included in his University course not less than two years of consecutive work in one language other than English; but if one year's work is a continuance of a language already studied two years in the high school, the other may be in a different language. If a student enters the University conditioned in foreign language, the requirement is increased by nine or fifteen hours as stated on page 42, but at least two years of work in the same language is required in the University.

A candidate for the degree of Bachelor of Science must similarly have included in his University course either at least three year-courses, aggregating not less than thirty term hours in Social Sciences, or a like amount of work in either Mathematics or Science.

Students who have entered the University before September, 1917, will complete the courses and receive their degrees under the conditions announced in previous catalogs. But such students may elect to take the degrees under the new conditions. In such case they must meet all the requirements here announced, including the group requirements, the computation of major requirement counting advanced work only, and the requirement of continuity of language work for the A. B. or of the minimum work in Social Science, Science or Mathematics for the B. S.

DEPARTMENTS OF INSTRUCTION

ANNOUNCEMENT OF COURSES FOR 1918-1919

Note—Courses numbered from one to ninety-nine are primarily intended for students of the lower division, though they may often be taken as free electives in the upper division. Courses regularly open to freshmen are indicated on the term schedule. Courses numbered from 100 to 199 are primarily intended for students in the upper division, but may be taken by qualified students of the lower division by permission of the instructor. Some of these courses may be counted toward a graduate degree. Courses numbered over 200 are primarily intended for graduate students, but may also be taken by qualified students of the upper division by permission of the instructor.

ART

(See School of Architecture)

BOTANY

Professor SWEETSER Mr. ANDREWS
Miss SANBORN Miss COX

LOWER DIVISION

1. **General Botany**—This is a course in general botany, studying the ferns, mosses, and the larger algae. Classes Tuesday, Wednesday and Thursday at 8:00 o'clock; laboratory, Monday, Tuesday, Wednesday or Thursday afternoon. *Four hours, fall term.*

2. **General Botany**—A continuation of Botany I. Freshmen or others may enter. The work will be with fungi, algae and lichens. Lectures Tuesday, Wednesday and Thursday at 8:00 o'clock; laboratory, Monday, Tuesday, Wednesday or Thursday afternoon.
Four hours, winter term.

3. **General Botany**—Continuation of Botany 1 and 2. Open to freshmen or others. The habits, physiology, methods of reproduction, and classification of the flowering plants. Lectures Tuesday, Wednesday and Thursday at 8:00 o'clock; laboratory, Monday, Tuesday, Wednesday or Thursday afternoon.
Four hours, spring term.

11. **Sanitary Hygiene**—The study of diseases, their causes and prevention; pure food, pure water, pure milk, etc. Lectures Monday, Tuesday and Thursday at 11:00 o'clock. *Three hours, fall term.*

UPPER DIVISION

104. **Medical and Economic Botany**—Plants used in medicine and the powdered drugs made from them. Plants used for food and in the arts. *Three hours.*

105. **Plant Physiology**—A study of life phenomena as manifested in the plant. Prerequisites, Courses 1, 2 and 3. Lectures and laboratory. *Three hours, winter term.*

106. **Bacteriology**—Lectures Tuesday and Thursday at 11:00 o'clock; laboratory, Wednesday and Friday afternoon. *Four hours, winter or spring term.*

107. **Bacteriology**—Continuation of Bacteriology 106. Lectures Tuesday and Thursday at 11:00 o'clock; laboratory, Wednesday and Friday afternoons. *Four hours, spring term.*

108. **Systematic Botany**—The classification of as many plant forms as possible. Lectures Tuesday and Thursday at 9:00 o'clock; laboratory, Thursday or Friday afternoon. *Three hours, fall term.*

109. **Systematic Botany**—Analysis and classification of spring plant forms. Lectures Tuesday and Thursday at 9:00 o'clock. Laboratory, Thursday or Friday afternoon. *Three hours, spring term.*

112. **Pedagogy**—Practical study of the methods of teaching botany. Lectures Monday, Wednesday and Friday at 9:00 o'clock. *Three hours, winter term.*

LABORATORY FEES IN BOTANY

A deposit of $2.00 is required for each laboratory course, with the exception of Botany 106 and Botany 107, which are $5.00 each. Additional expense for supplies, if any, is met by the purchase of coupons.

RECOMMENDATION OF TEACHERS

	Catalog No. of Course	Term Hours
General Botany	1, 2 and 3	12
Botany	108 and 109	6
Pedagogy	112	

CHEMISTRY

Professor STAFFORD Mr. MASON Professor SHINN

LOWER DIVISION

1a. **General Chemistry**—An introduction to the study of chemistry. Lectures Monday, Tuesday and Thursday at 11:00 o'clock; one laboratory period, Wednesday, Thursday or Friday afternoon, as may be arranged.

Course 1a will be repeated in the winter term if there is a sufficient demand. Professor STAFFORD. *Four hours, fall or winter term.*

1b. **General Chemistry**—Continuation of Course 1a.
Four hours, winter or spring term

1c. **General Chemistry**—Continuation of Course 1b.
Four hours, spring or fall term.

No credit will be given for less than two terms' work in Course 1.

3a. **Analytical Chemsitry**—A course in qualitative analysis. Lecture Tuesday at 1:00 o'clock; two or three laboratory periods, Tuesday, Wednesday and Thursday afternoons. Professor SHINN.
Three or four hours, fall term.

3b. **Analytical Chemistry**—Gravimetric analysis, continuation of 3a. *Three or four hours, winter term.*

3c. **Analytical Chemistry**—Volumetric analysis; continuation of 3b. *Three or four hours, spring term.*

6a. **Advanced Inorganic Chemistry**—A course designed to follow the year of general chemistry. Professor STAFFORD.
Two or three hours, fall term.

6b. **Advanced Inorganic Chemistry**—Continuation of course 6a. *Two or three hours, winter term.*

6c. **Advanced Inorganic Chemistry**—Continuation of course 6b. *Two or three hours, spring term.*

UPPER DIVISION

105a. **Organic Chemistry**—Lectures Monday, Wednesday and Friday at 9:00 o'clock; one laboratory period, Monday afternoon or Saturday morning. Professor SHINN. *Four hours, fall term.*

105b. **Organic Chemistry**—Continuation of Course 105a. *Four hours, winter term.*

105c. **Organic Chemistry**—Continuation of Course 105b. *Four hours, spring term.*

No credit will be given for less than two terms' work in Course 105.

108a. **Introduction to Physiological Chemistry**—A study of some chemical aspects of life processes, of interest especially to students preparing for the study of medicine, but open to all students who have had or are taking organic chemistry. Lectures, laboratory work and reports on assigned reading. Tuesday and Thursday at 9:00. Professor SHINN. *Three hours, winter term.*

108b. **Introduction to Physiological Chemistry**—Continuation of Course 108a. *Three hours, spring term.*

112a. **Advanced Analytical Chemistry**—Laboratory, Tuesday, Wednesday and Thursday afternoons; occasional conferences. Professor SHINN. *Two to four hours, fall term.*

112b. **Advanced Analytical Chemistry**—Continuation of Course 112a. *Two to four hours, winter term.*

112c. **Advanced Analytical Chemistry**—Continuation of Course 112b. *Two to four hours, spring term.*

116a. **Physical Chemistry**—Three lectures and one laboratory period. Professor STAFFORD. *Four hours, fall term.*

116b. **Physical Chemistry**—Continuation of Course 116a. *Four hours, winter term.*

116c. **Physical Chemistry**—Continuation of Course 116b. *Four hours, spring term.*

118a. **Applied Physical Chemistry**—Electrochemistry. Professor STAFFORD. *Hours as arranged, fall term.*

118b. **Applied Physical Chemistry**—Special topics to be determined by the interests of those enrolling. Professor STAFFORD. *Hours to be arranged, spring term.*

121. **Sanitary Chemistry**—The chemistry of water purification, sewage treatment, preservation of foods, etc. Professor STAFFORD. *Hours to be arranged, spring term.*

131. **Research and Thesis Laboratory**—Professor STAFFORD and Professor SHINN. *Hours by arrangement.*

GRADUATE DIVISION

200. **Advanced Theoretical Chemistry**—For graduate students only. *Hours to be arranged.*

202. **Research and Thesis Laboratory**—Professor STAFFORD and Professor SHINN. *Hours by arrangement.*

LABORATORY FEES IN CHEMISTRY

A deposit of $4.00 per term is required in all laboratory courses except Organic Chemistry, in which the deposit is $5.00.

ECONOMICS AND SOCIOLOGY

Professor YOUNG Professor CROCKATT Professor GILBERT

LOWER DIVISION

1. **Economic and Social History of England**—This course is introduced with a sketch of the social and industrial evolution of mankind to the stage represented by the inhabitants of England at the time of the Saxon invasion. The nature of the social and industrial organization of the English people is traced through its successive modifications, down to the present time, and the influences affecting it identified. Industrial development on the continent is, at each stage, brought into comparison with that of the English people. Five sections in the fall term, repeated in the winter term. Professor CROCKATT. *Three hours, fall or winter term.*

2. **The Economic and Social History of the United States**—The development of the characteristic lines of agriculture, industry

and commerce in the United States is studied, and the interaction between this economic development and the political and social institutions noted. Professor CROCKATT.

Three hours, winter or spring term.

3. **The Principles of Economics**—The principles that underlie the different economic relations and institutions are developed and applied. The elements in the more important economic problems are pointed out. Textbook, assigned readings and exercises. First two terms, daily at 8:00 and 11:00 o'clock. Professor GILBERT.

Five hours, fall and winter terms.

4. **The Principles of Sociology**—The influences and factors determining human life in association are studied. A comprehensive view of the social process is developed. The relations and the organization characterizing progressive society are identified, and their reactions on the mental life of the individual are investigated. Daily at 9:00 o'clock. Professor YOUNG.

Five hours, fall and winter terms.

7. **Recent Economic Changes in England and United States**—A study first of the influence of American industrialism and German state industrialism on the making of modern England, with discussions of British imperialism, free trade, and the economic and social reconstruction of "Lloyd George" government.

Second part is a study of the recent national economic reorganizations and changes in United States, such as merchant marine, eight-hour day, immigration, federal reserve, farm loan, conservation, interstate commerce, and railroad transportation. Professor CROCKATT.

Three hours, spring term.

8. **International Commerce** (for Commerce students)—An historical background is given for the ways of commerce and commercial policies of the leading European countries and the United States. A study is made of the exchange mechanism of commerce showing the nature and method of foreign exchange and the flow of specie. Emphasis is put upon prices, rates of interchange, geographical division of industry and national interference or encouragement in tariffs and merchant marines. Daily at 11:00 o'clock. Professor CROCKATT.

Five hours, spring term

UPPER DIVISION

105. **Labor Problems**—Treats of the conditions under which wage-earners work since the advent of the industrial revolution. Topics upon which especial emphasis will be placed are: Growth of trade unionism, strikes, lockouts, arbitration and conciliation, industrial accidents and diseases, workmen's compensation, remedial legislation. Open to students who have completed either the Principles of Economics or Principles of Sociology. Tuesday, Wednesday and Thursday at 8:00 o'clock. Professor GILBERT.

Three hours, spring term.

111. **Public Finance**—It is the aim of this course to ascertain principles of public expenditure, public revenue, budgetary legislation, financial organization, and public indebtedness. These principles will then be applied to concrete problems connected with corporation, railway, mortgage and insurance taxation, double taxation, income, personal property and inheritance taxes. Monday, Tuesday, Thursday and Friday at 10:00 o'clock. Professor GILBERT.

Four hours, fall and winter terms.

113. **Money, Banking and Economic Crises**—The principles of economics are applied to modern monetary systems, with the view of developing policies of improvement. The conditions attending the development of industrial and monetary crises are analyzed, and remedial measures considered. Daily at 11:00 o'clock. Professor GILBERT. *Five hours, spring term.*

115. **History of Economic Thought**—The interactions between the ideas pertaining to economic interests, and the conditions of economic life; also the relations between the economic thought and the philosophical speculations of successive epochs are traced. The existing schools of economic thought are defined. Monday, Wednesday and Friday at 9:00 o'clock. Professor GILBERT.

Three hours, spring term.

117. **Railway Economics**—A study of the transportation agencies as factors in the modern economic and social order, with special emphasis on the principles of rate-making and rate-regulation, and railway finances. Daily at 11:00 o'clock. Professor YOUNG.

Five hours, winter term.

118. **Economics of Business Organization**—A study of the development of the forms of business organization, the promotion and financing of modern enterprises, and their relation to the control of industry as to prices fixed and practices followed, and the distribution of wealth. Daily at 11:00 o'clock. Professor YOUNG.

Five hours, fall term.

120. **Progressive Democracy**—An analysis of the problem of eliciting the best thought and purpose of a political group through effective organization. The evolution of political opinion and conditions in the United States is drawn upon for basis of fact. Tuesday, Thursday and Friday at 10:00 o'clock. Professor YOUNG.

Three hours, fall term.

128. **Scientific City, District and State Planning and Development**—Methods of survey and analysis necessary to identify peculiar advantages and needs, and consequent advisable ideals and plans, are studied. This course involves systematic application in constructive effort of all the principles of the social sciences. Daily at 9:00 o'clock. Professor YOUNG. *Five hours, spring term.*

129. **Social Agencies**—This is a general course for those wishing to gain a knowledge of the causes of poverty, methods of caring for dependents and defectives, causes and prevention of crime, treatment of adult and juvenile offenders, and constructive measures bearing upon social maladjustment. Prerequisites, Principles of Economics and Principles of Sociology. Dean FOX.

Three hours, fall or winter term.

134. **Rational World Order**—An analysis will be made of our international order, to identify the forces that were making for world anarchy. The problem of world organization necessary for permanently progressive civilization will be studied. Tuesday, Thursday and Friday at 10:00 o'clock. Professor YOUNG.

Three hours, winter term.

135. **The Industrial Reconstruction** (suggested by world war experience)—The industrial order in the United States, England and France, studied as each was tested under war needs, with the view of determining permanent progressive policies advisable. Monday, Tuesday and Thursday at 11:00 o'clock. Professor YOUNG.

Three hours, spring term.

EDUCATION

Professor SHELDON Professor DEBUSK Professor GREGORY

Professor STETSON Mr. FRENCH

It is the aim of this department to offer a group of courses which will acquaint the student with the results and methods of work in all the important departments of modern pedagogy. This work is fundamental to students in the School of Education. The state law stipulates 15 semester hours in Education as a part of the requirements for certification of high school teachers. Owing to the advanced nature of the courses, with the exceptions of Courses 101 and 102, students will not ordinarily be admitted to the classes in pedagogy until the beginning of the junior year. Students should consult with the Department of Education before planning courses leading into the teaching profession.

A more detailed statement of the work of the department and the School of Education may be obtained by referring to the announcement of the School of Education in this catalog.

UPPER DIVISION

101. **Principles of Education**—An introduction to the general field of education. Treats of the following and related topics: Biological, psychological and sociological bases of education; educational aims, values and agencies; formal discipline; public school curricula, and teachers' training courses. Not open to freshmen. Professors SHELDON and GREGORY. *Fall and winter terms.*

102. **History of Modern Education**—This course includes the reading and discussion of the fundamental books in modern pedagogy, such as Rousseau's Emile, Froebel's Education of Man, Spencer's Education, etc. Professor SHELDON.

Four hours, winter and spring terms.

103. **Educational Psychology**—A study of those topics most closely related to teaching. The original endowment of the individual, habit-building, memory, imagination, association, higher thought pro-

cesses; laws of learning; the psychology of skill and of the instrumental subjects. Tuesday, Wednesday, Thursday and Friday at 8:00 o'clock. Professor DEBUSK. *Four hours, fall term.*

104. **Child Development**—The laws of growth; the relation between physical and mental growth; instinctive behavior and the methods of its modification; interests; the growth of the intellect. Tuesday, Wednesday, Thursday and Friday at 8:00 o'clock. Professor DEBUSK. *Four hours, winter term.*

105. **Secondary Education**—History, organization and administration of secondary education in America; training of secondary teachers. School management applied to secondary schools. In addition to the regular work of the course, the librarian of the University will present the topic of the high school library, the Department of Physical Training will present the hygienic problems of the high school, and outside lecturers will discuss the athletic and social problems of the high school. Pre-requisite for practice teaching in secondary subjects. Professors SHELDON and DEBUSK.

Four hours, fall and winter terms.

107. **Observation of Teaching**—Observation work in University demonstration school and in other secondary schools. Outlines of class and school management and technique of instruction. Reports and class discussions. Required of all prospective teachers and a pre-requisite for supervised teaching. Professor STETSON.

Three hours, given each term.

110. **Civic Education**—Points of approach and subject-matter in the field of civics, economics and history, especially from the point of view of the junior high school. Mr. FRENCH. *Three hours.*

112. **Supervised Teaching**—In University demonstration school and in local secondary schools. This work is under the direction of the department. Students should apply through the Registrar for this course during the preceding semester. General announcement and directions will be posted on the bulletin board in the Education

Building. Repeated each semester. Students to register for one semester only. Pre-requisite, six hours in education, including observation of teaching and senior standing. Professor STETSON. Mr. FRENCH and Mr. RUCH. *Four or five hours, repeated each term.*

GRADUATE DIVISION

208. **School Administration**—State, county, town, township and district organization. The school district and its problems of organization, administration, supervision, instruction and measurement. Reorganization of county and state school administration. Professor GREGORY. *Four hours, fall term.*

209. **Experimental Education. Statistical Methods Applied to Education**—This is the method of statistical analysis. Quantitative measurements are made in the field of education. Much time is spent on the interpretation of educational statistics. Short cuts in computation are emphasized. Much drill in the use of statistical methods is given. Opportunity is offered for practice in the making of charts and drafts. Professor GREGORY. *Four hours, spring term.*

210. **The Organization of Common School Curricula**—Principles underlying the development of the course of study. The content of the course of study. The grading of the course of study. The course of study as a supervisory instrument. The elements of a good course of study. The state course of study in Oregon. Securing the materials of instruction. A critical study of some of the best courses of instruction. The work is a library course and a great many syllibi and references will be consulted and a wide acquaintance with the literature is expected. Professor GREGORY. *Four hours, spring term.*

213. **Hygiene of Learning**—A study of the laws of neural activity and of the conditions of the school environment that affect learning. Oxygen, fatigue, blood supply, temperature, humidity, etc. Hygiene of mental processes. The hygiene of school subjects. Professor DEBUSK. (Not given in 1918-19.)

214. **Educational Hygiene**—The hygiene of the school plant in relation to mental and physical growth. The hygiene of growth. Health work in the schools. Monday, Wednesday and Friday at 9:00 o'clock. Professor DeBusk. (Not given in 1918-19.)

215. **Philosophy of Education**—Advanced aim and purpose of education, criticism of fundamental characteristics of present-day systems, consideration of the moral education movement ,education from the standpoint of the individual, society and the species. Pre-requisite: Education 101 and 102. Professor Sheldon.

Four hours, winter term.

216. **Exceptional Children**—The nervous child and its education. Causes of retardation. The delinquent. The defective. The social and educational treatment of types of exceptional children. Monday, Wednesday and Friday at 9:00 o'clock. Professor DeBusk.

Three hours, winter term.

217. **Mental and Physical Tests**—The method and technique of the examination of the school child. A study of the literature of tests. Methods of testing intelligence. The examining and diagnosis of the common defects of the school child. Monday, Wednesday and Friday at 9:00 o'clock. Professor DeBusk.

Three hours, fall term.

218. **Social and Moral Education**—Underlying principles. Study of systems of moral instruction in different countries. Recent movements in social education. Lectures, reports and discussions. Professor Sheldon. *Two hours, each term.*

221. **History of Education in America**—Lectures, reports and discussions. Knowledge of American History a pre-requisite. Professor Sheldon. *Four hours, winter term.*

222. **Education Club and Seminar**—Reports of current educational meetings, book reviews, discussion of special topics investigated by members. Professor Sheldon. *Two hours, each term.*

ENGLISH

Rhetoric and American Literature

Professor Bates Professor Thacher Professor Parsons

Professor Burgess Professor Perkins Miss Turney

REQUIREMENT IN ENGLISH

Every student upon entering the lower division of the University shall take a three-hour examination in written English. Upon the basis of this examination, the upper fourth of the students shall be excused from required work in freshman composition; the remaining three-fourths, including any who failed to take the examination, must complete a prescribed course in English Composition, given three times a week for from one to three terms, depending upon their rank in the examination and in their class work.

At the middle of the second term of each year, the Registrar shall send to each member of the faculty a list of the sophomore students. Each member of the faculty shall indicate after each sophomore's name whether his English is deficient or satisfactory and return the report to the Registrar's office, and if three departments report any one student deficient in English, that student shall be required to complete satisfactorily a further prescribed course of three hours in English composition given in the third term of the sophomore year.

REQUIRED ENGLISH COMPOSITION EXAMINATION

1. Upon the request of the principal of the school, or of any student wishing to take the examination, the prescribed examination in English composition may be given in any accredited school, upon appointed days announced in the University catalog. This examination shall be conducted under the supervision of the principal, who shall certify that it has been conducted in proper form.

2. Supplementary examinations shall be conducted at the University during Thursday afternoon of registration week, (for 1918 this is changed to Saturday, September 28), and during the afternoon of the day, not a holiday or Sunday, immediately preceding the registration day of each of the other terms. The instructor in charge of the examination shall give each student taking the examination a certificate of attendance.

3. Students failing to take the examination as prescribed in the two preceding sections, may be permitted to register upon the payment of a late registration fee of $2.00, but they shall be required to either register for English composition, or take the examination before the opening of the next term.

4. The rules regarding the exemption of students from English composition shall be applied to each examination group separately.

5. The result of the supplementary examination in English composition shall be posted not later than 8:00 a. m. of the day set for the registration of students entering the lower division.

LOWER DIVISION

1. **English Composition**—A study of the elements of effective prose, with analysis of illustrative extracts; constant training in writing and frequent consultations. Textbook: Lomer and Ashmun's Theory and Practice of Writing English. Required for freshmen. Professor THACHER, Professor BURGESS, Professor PERKINS, and Miss TURNEY. Monday, Tuesday and Thursday at 8:00 o'clock; Monday, Wednesday and Friday at 9:00 o'clock; Tuesday, Thursday and Friday at 10:00 o'clock; Monday, Wednesday and Friday at 11 o'clock. *Three hours, each term.*

4. **Theme Writing**—Based on study of Atlantic Monthly, Nation, New Republic and other magazines. Professor BURGESS. *Two hours, each term.*

5. **Narration**—A study of common types of prose narrative: their historical development and the principles underlying the writing of them. Reading and analysis of examples of types and writing of reviews and brief narratives. For exempted freshmen and sophomores. Monday, Wednesday and Friday at 1:00 o'clock. Miss TURNEY. *Three hours, winter and spring terms.*

6. **Commercial English**—Instruction and practice in business letter writing of all kinds—circulars, prospectuses, etc. Monday, Tuesday and Thursday at 11:00 o'clock. Professor THACHER. *Three hours, winter term.*

11. **Short Story Writing**—For those who in previous courses have evidenced an aptitude for writing the short story. Typical short stories, both classics and those from current periodicals, are

analyzed, and the actual production of short story work is undertaken. In the latter part of the course special attention is given the standards and policies of contemporary magazines, and an attempt is made to produce marketable work. Monday and Friday at 8:00 o'clock. Professor THACHER. *Two hours, each term.*

15. **Elementary Playwriting**—Study of primary dramatic principles; writing of simple dialogues, sketches and scenarios. Tuesday and Thursday at 2:00 o'clock. Professor BATES.
Two hours, winter and spring terms.

59. **American Literature**—Study of American literature from its beginnings to the present day. Lectures and assigned readings. Monday, Tuesday and Thursday at 11:00 o'clock. Professor BATES.
Three hours, each term.

UPPER DIVISION

113. **Technique of Poetry**—Study of the standard metrical forms and of modern free verse; practice in actual versification. Tuesday and Thursday at 9:00 o'clock. Professor BATES.
Two hours, each term.

114. **Advanced Writing**—A course of seminar character. Open only to advanced students who desire to become professional writers. Tuesday and Thursday at 2:00 o'clock. Professor THACHER.
Two hours, each term.

115. **Technique of Drama**—Advanced course in playwriting. Composition of one-act, two-act, and three-act plays. Hours to be arranged. Professor BATES. *Two hours, each term.*

127. **Chaucer**—As much of Chaucer's work is read as time permits, with careful attention to his sources of material, poetical forms, pronunciation and grammar. Tuesday and Thursday at 9:00 o'clock. Professor PERKINS. *Two hours, winter term.*

128. **History of the English Language**—The development of the English language from the Anglo-Saxon period to the present time. The historical basis of English grammar, spelling, pronunciation, and usage. Monday, Tuesday and Thursday at 11:00 o'clock. Professor PERKINS. *Three hours, fall term.*

152. **Teachers' Course**—Composition and American Literature. Required of all seniors who expect to teach English. Tuesday and Thursday at 2:00 o'clock. Professor BATES.

Two hours, fall and winter terms.

166. **Emerson**—The influence of Plato, Goethe, Coleridge, Carlyle and others upon Emerson; parallels with Marcus Aurelius, Epictetus; the effect of Emerson upon modern thought. Reading from poems, essays, Representative Men and English Traits. Professor BURGESS. *Three hours, winter term.*

171. **Criticism**—This course is required for juniors majoring in Journalism. It affords practice in the writing of musical, dramatic art, and literary criticism. Thursday and Friday at 10:00 o'clock. Professor PARSONS. *Two hours, each term.*

172. **Contemporary American Poetry**—Recent regular verse, free verse, polyphonic prose. Students will read with a view to understanding the work of the period, and also with a view to collecting, editing and presenting the work of their especially assigned authors. Professor BURGESS. *Three hours, spring term.*

174. **Contemporary American Fiction**—A study of the best American fiction since 1900. Monday, Tuesday and Thursday at 11:00 o'clock. Professor PERKINS. *Three hours, spring term.*

177. **Theory and Practice of Criticism**—A course, primarily designed for seniors, affording a comparative study of critical theory and the application of theory to special problems. Friday, 8:00 to 10:00 o'clock. Professor PARSONS. *Two hours, spring term.*

178. **Recent American Philosophy**—James, Royce, Santayana, and others. Professor BURGESS. *Three hours, spring term.*

180. **Literature of the War**—A study of the most significant literature in Europe and America which either deals directly with the war or has grown out of it. Professor BATES.

Three hours, each term.

181. **Principles of Appreciation**—This course will be devoted to a consideration of the best examples of literature and art, and will include practice in critical writing. Thursday and Friday at 2:00 o'clock. Professor PARSONS. *Two hours, fall and winter terms.*

ENGLISH LITERATURE

Professor Howe Professor Watson Miss Bell

The choice of courses in this department should vary according to the purpose of the student, whether general culture, or professional preparation for teaching or for library work. Students planning to make a major or minor in English Literature are therefore advised to consult with the department before making their choice of courses.

LOWER DIVISION

1, 2, 3. **Outlines of English Literature**—From Edmund Spenser to the present. A laboratory course, in which the student will read the literature, instead of reading about it. The student will be led, as far as possible, to form a conception of each epoch from his own reading of representative authors. This work is supplemented by lectures and interpretative readings. First term, sixteenth and seventeenth century authors. Second term, eighteenth century authors, and those of the first quarter of the nineteenth century. Third term, from 1830 to the present. Courses in sequence, but may be taken independently. Monday, Wednesday and Friday at 2:00 o'clock. Professor Howe. *Three hours, each term.*

25. **Wordsworth**—A study of the best poems of the author, in such order as to illustrate the power, scope, and characteristic beauty of this poet. Monday, Tuesday and Thursday at 11:00 o'clock. Professor Howe. *Three hours, fall term.*

30. **William Morris**—A study of the life and writings, both prose and verse. Monday, Tuesday and Thursday at 11:00 o'clock. Professor Howe. *Three hours, winter term.*

50, 51, 52. **Shakespeare**—Study of the important historical plays, comedies and tragedies. Courses in sequence, but may be taken separately. Monday, Wednesday and Friday at 9:00 o'clock. Professor Watson. *Three hours, each term.*

UPPER DIVISION

110. **Shelley**—His more important works in their order as written, with attention to his importance both as philosopher and

as poet. Monday, Tuesday and Thursday at 11:00 o'clock. Professor HOWE. *Three hours, spring term.*

115. **Browning**—The Ring and the Book and the important shorter poems. The aim is to give the student facility in reading Browning understandingly, and to acquaint him with the author's outlook on life. Monday, Wednesday and Thursday at 8:00 o'clock. Professor WATSON. *Three hours, spring term.*

120. **The Romantic Poets**—Blake, Scott, Coleridge, Southey, Wordsworth, Byron, Shelley, Keats, Hunt, Landor. Monday, Wednesday and Thursday at 8:00 o'clock. Professor WATSON. *Three hours, fall term.*

130. **The Victorian Poets**—Tennyson, Browning, Barrett-Browning, Rossetti, William Morris, Swinburne, Matthew Arnold. Monday, Wednesday and Thursday at 8:00 o'clock. Professor WATSON. *Three hours, winter term.*

135. **Milton**—Paradise Lost entire, and the minor poems. Monday, Tuesday and Thursday at 11:00 o'clock. Professor WATSON. *Three hours, fall term.*

136. **The Contemporaries of Shakespeare**—The important Elizabethan and Jacobean dramatists. Monday, Tuesday and Thursday at 11:00 o'clock. Professor WATSON. *Three hours, winter term.* *Three hours, winter term.*

140, 141, 142. **English Prose Writers of the Eighteenth Century**—Gibbon, Burke, Samuel Johnson, Boswell, Hume, and others. Professor HOWE. *Three hours, each term.*

145, 146, 147. **English Prose Writers** (not novelists) of the Nineteenth Century. De Quincey, Lamb, Hazlitt, Carlyle, Ruskin, Mill, Huxley, Matthew Arnold, Pater. Courses in sequence, but may be taken separately. Monday at 8:00 o'clock; Thursday at 9:00 o'clock; Friday at 11:00 o'clock. Professor WATSON. *Three hours, each term.*

155, 156, 157. **Living English Writers**—Kipling, Shaw, Wells, Arnold Bennett, Galsworthy, Chesterton, Granville Barker, St. John

Hankin, Dunsany, Davies, W. H. Hudson; poetry, essay, short story, drama, and novel. Courses in sequence, but terms may be taken separately. Tuesday, Wednesday and Thursday at 8:00 o'clock. Professor HOWE. *Three hours, each term.*

160, 161, 162. **Contemporary Literature**—English in its relation to other European literatures, to Ibsen, the Russians, Maeterlinck, and others. Tuesday, Wednesday and Thursday at 8:00 o'clock. Professor HOWE. *Three hours, each term.*

170. **Seminar**—This course, planned for honor students and intending teachers, is advised for junior year. Monday, Wednesday and Friday at 3:00 o'clock. Professor HOWE.

Three hours, fall and winter terms.

175. **Teaching of English Literature**—Lectures, papers and conferences. Required of all who expect to teach English. Should be taken in junior year, preparatory to practice teaching in senior year. Monday, Tuesday, Wednesday, Thursday and Friday at 3:00 o'clock. Professor HOWE and Professor WATSON.

Five hours, spring term.

180. **The Philosophical Foundations of English Literature**—Selections fdom Bacon, Hobbes, Locke, Berkeley, Hume, the Deists, the Economists, the Utilitarians, the Evolutionists and the Pragmatists will be read by the class. Tuesday, Thursday and Friday at 10:00 o'clock. Professor HOWE. *Three hours, each term.*

185, 186, 187. **Representative Nineteenth Century Novelists**—Scott, Jane Austen, Dickens, Thackeray, George Eliot, Meredith, Hardy, and others. These authors will be taken each for one term, and the whole course can be finished only in two or perhaps three years of term courses, each complete in itself. Monday, Tuesday and Thursday at 11:00 o'clock. Professor HOWE.

Three hours, each term.

190. **English Poetry**—The classic shorter poems of the literature. Monday, Wednesday and Friday at 1:00 o'clock. Professor HOWE. *Three hours, winter term.*

195. **The English Novel, Its Evolution and Scope**—Lectures, with collateral reading. Tuesday, Thursday and Friday at 10 o'clock. Professor HOWE. *Three hours, each term.*

GEOLOGY

Professor SMITH Miss VAN WINKLE

Mr. ESTES

LOWER DIVISION

1. **General Geology**—A general outline of the whole subject. Illustrated lectures, laboratory work in the Condon Museum, field trips, and collateral reading. Lectures Monday, Wednesday and Friday at 11:00 o'clock. One laboratory period for all students.

(a) Physical and Dynamic Geology; fall term.
(b) Economic; winter term.
(c) Historical; spring term.

In the winter term the economic geology course will take up the occurrence, mining and utilization of coal, iron, oil, gold, copper, building stones, precious stones, etc. Those who have had high school geology or physical geography may enter.

Four hours, each term.

4. **War Minerals**—A popular discussion, with laboratory demonstrations, of the nature, occurrence, methods of prospecting, exploitation and valuation of geological products important to the prosecution of the war. Designed especially for persons not in regular attendance at the University. No University credit. Thursdays at 7:15 P. M. *One hour a week.*

5. **Economic Geography—A** study of geography in its broadest aspects, its aid in the interpretation of history, the geographic factors controlling commercial relations of the various nations with an intensive study of the more important countries, particularly of the United States and its dependencies. Special attention will be given to the study of the Pacific ocean and the countries bordering thereon. Illustrated lectures, collateral reading in the current standard geographical journals. Monday, Wednesday and Friday at 11:00 o'clock. *Three hours, fall and winter terms.*

6. **Petrology**—An introduction to the study of rocks by means of hand specimens, following Pirsson's "Rocks and Rock Minerals."

Prerequisite: General Mineralogy. One laboratory period and one lecture. Wednesday and Friday at 8:00 o'clock.

Two hours, fall term.

7. **Military Topography and Map Reading**—Practice in United States army methods used in field sketching, map reading and construction of relief maps. War department texts and materials used. Saturday. *Two hours, fall and spring terms.*

8. **Paleontology**—A preliminary course using Shimer's Introduction to the Study of Fossils. Special attention will be given to the Pacific Coast Mesozoic and Cenozoic material. Prerequisites: Geology 1 and Biology. Hours to be arranged.

Three hours, any term.

10. **Geology of Structural Materials**—A short course, designed especially for students in Architecture, in the geology and mineralogy of structural materials. Open to freshmen. *Two hours.*

11. **Field Astronomy**—This course will be given as the introductory part of the course in Field Geology for advanced students in Geology. The time will be devoted largely to such operations as the determination of latitude, longitude and azimuth, and also some instruction in the measurements of base lines, primary control by means of triangulation and practice in the use of the plane table. Professor McALISTER. *Two hours.*

UPPER DIVISION

101. **Advanced Geology**—Hours and work to be arranged to suit the needs of the students applying.

102. **Advanced Economic Geology**—The geology of the valuable non-metals and metals including their occurrences, association and genesis. In the non-metals, particular attention will be paid to materials of construction. Under metals will be considered the methods employed in prospecting and in the developing of ore bodies. Reasons for and methods of conservation of the various mineral resources will be given special emphasis. Prerequisites: Geology 1 and Chemistry 1. Hours to be arranged.

(a) Metallic Mineral Products. *Fall term.*
(b) Non-Metallic Mineral Products. *Spring term.*
(c) Metals. *Spring term.*

103. **Military Geology**—The application of geological principles and data to the problems of military operations. Lectures and demonstrations in the field. Hours to be arranged. *Two Hours.*

104. **General Mineralogy**—A general study of Crystallography and Physical and Chemical Mineralogy, followed by Determinative Mineralogy.

The objects of this course are:

(a) Rapid determination of the more common minerals.

(b) Practice in the determination of the less common mineral species.

(c) A knowledge of the economic minerals. Prerequisite: General Chemistry. Hours to be arranged. Winter term, two lectures and one laboratory period. Spring term, one recitation and two laboratory periods. *Three hours, winter and spring terms.*

105. **The Topography and Physiography of the United States and Particularly of Oregon**—This course will be a semi-popular treatment of the subject adapted especially to the needs of students of Commerce, History, Education and Military Science. One lecture and one laboratory and general discussion period. Hours to be arranged. Open both to lower and upper divisions.

106a. **Optical Mineralogy**—The study of rock minerals by means of thin sections and the petrographical microscope. Special emphasis is laid on the determination of opaque and other economic minerals. Prerequisite: Mineralogy, Geology, Chemistry and Physics. One laboratory period. *Two hours.*

106b. **Optical Petrology**—The continuation of 106a. This course takes up the study of rocks of all kinds and their identification by means of thin sections. Laboratory work in the making of thin sections. *Two hours.*

107. **Field Geology**—A general course in geologic mapping and survey methods. The first part will be devoted to a study of survey organization, various past and present state and private surveys, special problems connected with survey methods, and a study of the theory of various field operations. The second half will be devoted to the topographic and geologic mapping of an assigned area. Prerequisites: Geology 1, 11, 102 and 104. Some knowledge of Astronomy preferable. Saturday, 8 to 12. A written report will be required in this course. *Two hours, spring term.*

108. **Advanced Paleontology**—Special work assigned to suit the needs and advancement of the students applying, using Zittel-Eastman's Textbook of Paleontology. Zoology a prerequisite. Hours to be arranged. *Any term.*

109. **Vertebrate Paleontology**—Special work in Vertebrate Paleontology will be given to those applying, provided they have had the required preparation in Zoology. *Two hours, any term.*

GRADUATE DIVISION

201. **Seminar**—Open to advanced major students of this and related departments for the consideration of research material and a review of current technical literature. *One hour a week.*

203. **Graduate Courses by Arrangement.**

GERMANIC LANGUAGES AND LITERATURE

Professor SCHMIDT Professor THORSTENBERG

Students contemplating work in German may enter any course for which they are qualified. In case of doubt on the part of the students, members of the German faculty should be consulted.

The aim of the instruction in the department is primarily to enable students to use modern German with facility in reading, writing, and, as far as practicable, in speaking, and to acquaint them with the masterpieces in German literature. A number of courses are conducted entirely in German and students are

encouraged to use German as the language of the classroom as much as possible.

Opportunity is also given for graduate courses in Germanic languages. These are intended especially for students who desire to make the teaching of these languages their profession, or who expect to take an advanced degree in them. Careful attention is given to the linguistic as well as to the literary training of the students, aiming at a comprehensive insight into the historical growth of the Germanic languages and literature.

I

German Language and Literature

lower division

1. **Elementary German** — The elementary course comprises: Vos's Essentials of German (Henry Holt), new edition; and Huss's German Reader (D. C. Heath); German Composition, Translation of Easy Prose and Poetry. Special attention is paid to systematic training in pronunciation. The reading of about 175 pages of graduated texts from a reader is required. Huss's German Reader is used. In addition to this three or four of the following selections will be read: Storm's Immensee, Heyse's L'Arrabbiata, Volkmann's Kleine Geschichten, Maerchen und Erzaehlungen, Seidel's Maerchen, Zschokke's Der Zerbrochene Krug, etc. Daily at 9:00 and 11:00. Professor Schmidt, Professor Thorstenberg. *Five hours, each term.*

2. **Intermediate German**—Review of grammar, conversation and composition. Reading of narrative prose and easy plays. Intended for those who began German in the second semester in the University, or who had only one year in high school. Credit in the course is estimated wholly on this basis. Daily at 8:00.

Five hours, each term.

3. **Advanced German**—During the second year the work comprises advanced German Grammar and Composition, Syntax, German conversation (based upon Vos's Material, or some other method) throughout the year. Material to be read is selected from the following list: Heyse's Das Maedchen von Treppi; Baumbach's Die Nonno; Wildenbruch's Das edle Blut; Hillern's Hoeher als die

Kirche; Seidel's Leberecht Huehnchen; Frenssen's Peter Moor; Leander's Traeumereien; Keller's Das Faehnlein der seiben Aufrechten; Meyer-Foerster's Karl Heinrich; Freytag's Die Journalisten; Lessing's Minna von Barnhelm; Schiller's Wilhelm Tell; Goethe's Hermann und Dorothea. The class is expected to read two or three stories and two or three plays during the year Two divisions, Monday, Tuesday, Thursday and Friday at 9:00 and 10:00. Professor SCHMIDT and Professor THORSTENBERG.

Four hours, each term.

4. **Scientific German**—This course is recommended to students who are taking or plan to take special courses in natural science or in Medicine. Students desiring to enter this course should consult Professor Thorstenberg. Tuesday, Thursday and Friday at 10:00 o'clock. Professor THORSTENBERG. *Three hours, each term.*

UPPER DIVISION

101. **Classical German**—Open to students who have had two years of German. Some works of Goethe, Schiller, Lessing, Kleist, Grillparzer, etc., will be read. Writing of papers in German. Outline of History of German Literature by Robertson. Brief lectures in German, based upon the above texts, are given once or twice a week in this course. Tuesday, Wednesday and Thursday at 8:00 o'clock. Professor SCHMIDT. *Three hours, each term.*

102. **German Fiction and Contemporary Literature**—During the year some of the following works will be read: Sudermann's Der Katzensteg; Keller's Kleider Machen Leute; Meyer's Juerg Jenatsch; Wildenbruch's Der Letzte; Riehl's Burg Neideck, Der Fluch der Schoenheit; Frenssen's Joern Uhl, etc. Outside reading and papers on German Literature will receive special attention in this course. Occasional lectures on contemporary writers are given. Monday, Tuesday and Thursday at 11:00 o'clock. Professor SCHMIDT.

Three hours, each term.

103. **Modern German Drama**—Some of the following dramas will be read: Fulda's Der Talisman or Das Verlorene Paradies; Wildenbruch's Harold, Hauptmann's Die Versunkene Glocke; Ernst's

Flachsmann als Erzieher; Sudermann's Johannes or Heimat; etc. Monday, Wednesday and Friday at 9:00 o'clock. Professor THORSTENBERG. *Three hours, each term.*

104. **German Poetry**—Poems of Goethe, Schiller, Uhland Heine, etc., will be read. Hours to be arranged.
Two hours, winter and spring terms.

105. **Goethe's Faust**—Part I with commentary. Wednesday and Friday at 11:00 o'clock. Professor SCHMIDT.
Two hours, fall and winter terms.

106. **Goethe's Faust**—Part II with commentary.
Two hours, two terms.

107. **Heine's Prose**—Die Harzreise; Die Romantische Schule, and other selections will be read. Hours to be arranged.
Two hours, fall and winter terms.

108. **Historical and Philosophical German**—This course consists of the rapid translation of modern historical, philosophical and economic German. It is especially designed for those students who wish to acquire a sufficient knowledge of the language to enable them to read German books on history, philosophy, etc. The matter to be read is selected from such works as Riehl's Kulturgeschichtliche Novellen; von Sybel's Kleine Historiche Schriften; Freytag's Bilder aus der deutschen Vergangenheit; Seiler, Die Heimat der Indogermanen; Schiller's Geschichte des dreissigjaehigen Krieges; Haeckel's Weltraetsel; Eucken's Der Sinn des Lebens (1908), or Die Lebensanschauungen der grossen Denker (1911), etc. Hours to be arranged.

109. **Commercial German**—The purpose of this course is to make the student acquainted with the elements of commercial German and to widen his commercial vocabulary by means of reading texts dealing with German business customs and institutions. The course is recommended to students who wish to devote some time to the study of German commercial correspondence, business forms, docu-

ments, newspaper articles and advertisements. Only those students who have had at least two years of German will be admitted to this course. The text to be used will be Kutner's Commercial German.
Two hours, one term.

110. **Teaching of Modern Languages**—Discussion of methods of teaching German, French and Spanish; examination of texts. Open to juniors and seniors. Required of students who wish to be recommended as teachers of German, French or Spanish in the high schools of the state. Hours probably Wednesday and Friday at 11:00 o'clock. Third hour to be arranged after class has met. Professor SCHMIDT. *Three hours, spring or fall term.*

111. **Advanced German Composition**—Required of all students who wish to teach German. No credits allowed unless two terms are taken. Tuesday and Thursday at 10:00 o'clock.
Two hours, each term.

112. **German Conversation**—Open to all students who have had two years of German. No credits allowed unless two terms are taken. Tuesday and Thursday at 2:00 o'clock.
Two hours, each term.

113. **History of German Literature**—Lectures in English. Outside reading and papers on assigned topics will be required Hours to be arranged. Professor SCHMIDT.
Two hours, winter and spring terms.

114. **The Nineteenth Century Novels**—Freytag's Soll und Haben, or Rittmeister von Alt-Rosen; Meyer's Juerg Jenatsch; Sudermann's Der Katzensteg; Frenssen's Joern Uhl; Storm's Der Schimmelreiter; Riehl's Kulturgeschichtliche Novellen; Paul Heyse's Das Glueck von Rothenburg; Scheffel's Ekkehard; Ludwig's Zwischen Himmel und Erde; Dahn's Ein Kampf um Rom. In addition to this, suitable selections from Ganghofer, Rosegger, Auerbach, Ebner-Eschenbach, Spielhagen and others will be assigned for outside reading. Professor SCHMIDT. *Three hours, each term.*

GRADUATE DIVISION

In so far as the demand will justify the formation of classes the department will offer the following courses:

201. **Middle High German** — Michels Mittelhochdeutsche Grammatik, 1910; Henrici; Proben der Dichtungen des Mittelalters, Berlin, 1898; Selections from Nibelungenlied; Walter von der Vogelweide; Parsifal; Lexer, Mittelhochdeutsches Taschen-Woerterbuch. Hours to be arranged. *Two hours, two terms.*

202. **Old High German**—Braune's Althochdeutsche Grammatik, and the same author's Althochdeutsches Lesebuch (4th edition); Muellenhoff and Scherer's Denkmaeler Deutscher Poesie und Prosa (3rd edition); Behaghel's Historical Grammar of the German Language.

203. **Gothic and the Elements of Comparative German Grammar**—Braune, Gotische Grammatik, 4. Auflage, Halle, 1895; Heyne's Ulfilas, 9. Auflage, von F. Wrede, Paderborn, 1896; Streitberg's Urgermanische Grammatik. This course is required for advanced degrees in English Philology.

204. **History of German Literature of the Nineteenth Century**—With special study of the classic periods of the twelfth and eighteenth centuries. Scherer's Geschichte der deutschen Literatur, Franke's History of German Literature are used as textbooks. Papers on assigned topics will be required.

205. **Physiological Phonetics**—The sounds of English, German and French. Grandgent, German, and English sounds (Boston, Ginn & Co., 1892); Ripman's adaptation of Vietor's Kleine Phonetik (London, J. M. Dent & Co., 1899); Kleines Lesebuch in Lautschrift von Vietor; Sweet, A Primer of Phonetics (Oxford, Clarendon Press, 1890); lectures. Each student will make a special study of his English vowels. *Two hours, one term.*

Scandinavian Languages and Literature

Professor Thorstenberg

The courses in this department are designed to lay the basis for a practical reading knowledge of the Scandinavian languages; to familiarize the student with some of the principal works of representative modern Scandinavian writers, and to afford some insight into the life and culture of the Scandinavian peoples.

121. **Elementary Norwegian (Dano-Norwegian)**—Principles of the grammar and the reading of easy prose. The texts used comprise: Olson's Norwegian Grammar and Reader, or Holvik's Beginner's Book in Norse; Bjoernson's Synnoeve Solbakken, or En glad Gut; Lie's Fortællinger; Kielland's Novelletter. Monday, Wednesday and Friday at 2:00 o'clock. *Three hours, each term.*

122. **Elementary Swedish**—Principles of the grammar and the reading of easy prose. The texts used comprise: Elmquist's Swedish Grammar, or Vickner's Swedish Grammar; Lagerloef's En Herrgardssaegen; Geijerstam's Mina Pojkar; Nyblom's Det ringer. Monday, Wednesday and Friday at 2:00 o'clock.
Three hours, each term.

123. **Scandinavian Literature (conducted in English)**—Works of Bjoernson, Ibsen, Lie, Kielland, Tegner, Rydberg, Lagerloef, Strindberg, etc., in standard translations, will be read and discussed. The course includes supplementary lectures on the history of the literature in general. Tuesday and Thursday at 9:00 o'clock.
Two hours, each term.

In so far as the demand will justify the formation of classes the following courses will be offered:

124 and 125. **Advanced Norwegian or Swedish—Study of** works, in the original, of representative Scandinavian authors, supplemented by advanced prose composition and conversation. Hours to be arranged.

Recommendation of Teachers

For students intending to teach German the following four years of consecutive work is required:

	Catalog No. of Course	Term Hours
Advanced German	3	12
German Classical Drama	101	9
and either		
German Fiction and Contemporary Literature	102	9
or		
The Nineteenth Century Novel	114	9
or		
Modern German Drama	103	9
in addition to		
The Teaching of German	112	4
German Converation	112	4
and		
Advanced German Composition	111	4

GREEK LANGUAGE AND LITERATURE

Professor Straub

Students who have had two or three years of Greek may enter the second or third term of the third or fourth year. Students may also enter Course 17 at the beginning of the second term.

LOWER DIVISION

1. **Elementary Greek**—Gleason's Greek Primer, daily at 9:00. *Five hours, fall term.*

2. **Elementary Greek**—Continued as in 1. *Five hours, winter term.*

3. **Xenophon's Anabasis**—Harper and Wallace, Goodwin's Greek Grammar. Daily at 9:00. *Five hours, spring term.*

The aim of the first year is quality, not quantity. For this reason, the drill in Greek inflections and the common constructions is made as thorough as possible. In addition, every effort is made to increase the student's vocabulary. The "Word List" in Harper and Wallace's Anabasis is an excellent help in this direction.

4. **Anabasis**—Continued. Books II,III. Greeg grammar reviewed. Critical study of Greek prepositions. Daily translations from English to Greek. Textbooks in addition to those used in Course 3, Pearson's Greek Prose Composition and Adam's Greek Prepositions. Monday, Tuesday, Thursday and Friday at 10:00.
Four hours, fall term.

5. **Xenophon Continued**—Same as 4, with select readings from Herodotus. *Four hours, winter term.*

6. **Homer's Iliad**—(Seymour) Books I to IV. Homeric language and verse (Seymour) Jebb's Homer. Study of the Homeric Palace (Isham). Daily exercise in Greek prose continued. Special attention given to Homeric forms. The customs of the Homeric Greeks will be carefully studied. Daily except Wednesday, at 10:00.
Four hours, spring term.

7. **Hellenistic Greek**—One or two of the books of the New Testament will be studied and the general principles of Hellenistic Greek noted. Daily except Monday, at 11:00. *Four hours, fall term.*

8. **Hellenistic Greek**—Same as 7. New Testament continued.
Four hours, winter term.

9. **Hellenistic Greek**—Same as 7, with selections from Septuagint. *Four hours, spring term.*

Courses 7, 8, and 9 are intended chiefly for students who expect to prepare for the ministry, and are elective to other Greek students. Prerequisites: Courses 1 to 6, inclusive. Textbooks: Westcott and Hort's Greek New Testament recommended. Conybeare and Stock's selections from the Septuagint (Ginn & Co.).

10. **Xenophon's Memorabilia**—Demosthenes Philippics. (Students will be required to read up the appropriate portions of the

history of Greece, in order to study the above in their proper setting.)
Four hours, fall term.

11. **Lysias' Orations** (Morgan's or Adam's)—Selections from Herodotus. Advanced Greek prose compositions.
Four hours, winter term.

12. **Selections from the Plays of Euripides**—Study of the Attic Theater (Haigh). *Three hours, spring term.*

13. **Plato's Apology and Crito**—Croiset's Greek Literature.
Three hours, fall term.

14. **Selections from the Comedies of Aristophanes**—Study of the influence of comedy on Greek thought and temperament.
Three hours, winter term.

15. **Demosthenes De Corona** (Goodwin)—Also suitable extracts from Aeschines "Against Chesephon." Study of Bredif's life of Demosthenes. *Three hours, spring term.*

GREEK-ENGLISH COURSE

No Greek required. Open to all students.

The following four courses are offered to students who have not taken Greek. They will give a fairly good insight into the religion, habits and life of that wonderful people, whose institutions and civilization still make themselves felt at the present time, and whose influence still strongly prevails in modern thought.

16. **Greek Mythology**—Textbook: (Guerber) Collateral reading: Bullfinche's Age of Fable. Informal talks. Tuesday at 2:00 o'clock. *Two hours, fall term.*

17. **History of Greek Art**—(Tarbell). Greek sculpture (Gardner). Tuesday at 2:00 o'clock. *Two hours, winter term.*

18. **History of Greek Literature**—From Homer to Theocritus (Edward Capps). Homeric Society (Keller).
Two hours, spring term.

19. **The Life of the Ancient Greeks**—(Gulick) The Ancient City (Coulages). The Attic Theater (Haigh).
Two hours, spring term.

UPPER DIVISION

120. **Pindar's Odes and Fragments**—Thucydides, books IV to VI. *Two hours, fall term.*

121. **Selections from Aristotle.** *Two hours, winter term.*

122. **Homer's Iliad**—Books VI to XXIV, read with a view to the study of the civilization and customs of the Homeric tribes.
Two hours, spring term.

123. **Greek Epigraphy**—Textbook: Roberts.
Two hours, fall term.

124. **Greek Inscription**—Textbook: Hicks' Manual of Greek Historical Inscriptions. *Two hours, winter term.*

HISTORY

Professor SCHAFER Professor CLARK

LOWER DIVISION

1. **The Great Historians**—The aim of this course is twofold. On the one hand, it is intended to familiarize the student with the world's greatest writers of history, and to develop in him an appreciation of their works, and a critical insight into the methods employed in producing them. On the other hand, it is a study of some of the most significant phases of world history through the great historians of ancient and modern times. Monday, Tuesday and Thursday at 11:00 o'clock. Freshman course. Professor SCHAFER.
Three hours, fall and winter terms.

2. **Modern European History**—The history of Europe from the French revolution to the great war. The course ends during fall term with downfall of Napoleon, and is open to freshmen entering at winter term. Monday, Tuesday, Thursday, Friday at 10:00. Professor CLARK. *Four hours, fall and winter terms.*

3. **History of England**—A general survey of English history, covering all phases of development. Monday, Wednesday and Friday at 9:00. Elective by terms. Professor CLARK.

Three hours, each term.

5. **Early American History**—The American revolution in its political, economic and sociological phases; the confederation and the constitution; our national history from 1789 to 1816. Monday, Tuesday, Thursday and Friday at 10:00 o'clock. Professor SCHAFER.

Four hours, fall term.

6. **Later American History**—The story of American development during the past one hundred years; general theme, the evolution of a democratic world power. Monday, Tuesday, Thursday and Friday at 10:00 o'clock. Professor SCHAFER.

Four hours, winter term.

UPPER DIVISION

101. **Ancient History**—Ancient monarchies during fall term. Greek history, winter term; Roman history, spring term. Open for entering students any term. Monday, Wednesday and Friday at 2:00 o'clock. Professor DUNN. *Three hours, each term.*

102. **The Middle Ages**—Fall and winter terms. Not given in 1918-1919.

103. **The Protestant Reformation**—Not given in 1918-1919.

104. **American Diplomacy**—A history of the relations of the United States with other powers and of the development of American foreign policies, from 1789 to entrance into the great war. Monday, Tuesday and Thursday at 11:00 o'clock. Elective by terms. Professor CLARK. *Three hours, fall or winter term.*

105. **European Diplomacy**—A history of the relations of the European powers since 1870, and the diplomatic negotiations leading up to great war. Professor CLARK. *Four hours, spring term.*

107. **Recent American History**—The aim of this course is to familiarize students with the great political, social and economic problems and movements of the past forty years, since the close of

the reconstruction era. Also to develop a true insight into American ideals of life. Monday, Tuesday, Thursday and Friday at 10:00 o'clock. Professor SCHAFER. *Four hours, spring term.*

108. **American Statesmanship and Statesmen**—The history of the United States from 1789 to the present time will be examined in the light of the men who developed the national policies and personalized the national ideals. Special attention will be given to the careers of Washington, Hamilton, Jefferson, Clay, Webster, Calhoun, and Lincoln. More recent statesmen will be discussed briefly. Tuesday, Thursday and Friday at 8:00 o'clock. Professor SCHAFER.
Three hours, winter and spring terms.

109. **Lectures on the War**—Tuesday and Thursday at 3:00. Elective by terms. Professors SCHAFER and CLARK.
Two hours, each term.

110. **Latin American History**—A study of the history, together with political, social, and economic conditions of the "Other Americas." Monday, Tuesday, Thursday at 11:00 o'clock. Professor CLARK. *Three hours, spring term.*

111. **Lectures on the War**—Tuesday and Thursday at 2:00 o'clock. Professors SCHAFER and CLARK.
Two hours, fall and winter terms.

GRADUATE DIVISION

201. **Seminar in Western History**—A detailed study, largely from the sources, of the building of civilization in the western portions of the United States, particularly the region west of the Rocky mountains. For history seniors as an equivalent of the thesis requirement, and for graduate students. Monday, Wednesday and Friday at 9:00 o'clock. Professor SCHAFER.
Three hours, fall and winter terms.

203. **The Pacific Orient**—China and Japan, their history, organization and polity, together with a consideration of their relations to the Pacific states of America. Monday, Wednesday and Friday at 9:00 o'clock. Professor SCHAFER. *Three hours, spring term.*

HOUSEHOLD ARTS

Professor LILIAN TINGLE

Miss SHUMWAY Miss RHODES

The courses in Household Arts are offered as a necessary part of liberal education for women.

Many fields of activity are open to college women with training in the subjects pertaining to the home and home life. Those interested in social betterment and welfare work, in various phases of war service and reconstruction work, in nursing, in teaching, in many forms of secretarial work, in journalism and in applied arts, will find special benefit from these practical courses. Freshmen and sophomores interested in Household Arts are advised to take as many as possible of the following general courses, in addition to at least 30 hours in the elementary courses of this department:

Practical Ethics	3 hours
Vocational problems	3 hours
Personal Hygiene	3 hours
One modern language	2 year courses
English Composition, required work	3 to 9 hours
English Literature	1 year course
Chemistry	12 hours
Physics	12 hours
Social Science, required work.	
Biological Science, one course.	

The following courses will be offered by the department in 1918-19. Closely allied courses given in other departments are also listed below.

COURSES IN HOUSEHOLD ARTS

LOWER DIVISION

1a. **Household Sewing and Garment Making**—Use and care of machines, study of materials and design, principles of construction, the making of type garments. Pre-requisite or parallel, Household Arts 2a. Lectures and laboratory three afternoons. Miss SHUMWAY.

Three hours, fall term.

1b. **Household Sewing and Garment Making**—Continuation of the above course. Pre-requisite or parallel, Household Arts 1a and Household Arts 2b. Miss SHUMWAY. *Three hours, winter term.*

1c. **Household Sewing and Garment Making**—Continuation of the course. Parallel or pre-requisite Household Arts 2c. Students entering with high school credits in sewing may be admitted to the latter courses, but credit cannot be given for a single term's work. Miss SHUMWAY. *Three hours, spring term.*

2a. **Elementary Textiles and Dress Design**—Identification of fabrics and microscopical study of fibres, physical and chemical tests, economical features of the textile industry. Pre-requisites or parallel, Chemistry 1, either high school or college, except for upperclasswomen, by special permission of the head of the department. Tuesday and Thursday at 1:00 o'clock. Miss SHUMWAY and Miss RHODES. *Two hours, fall term.*

2b. **Elementary Textiles and Dress Design**—Continuation of 2a. Study of lines, color and fabrics as applied to dress design, study of historic dress and ornament, planning of modern costumes based on the principles of design and color harmony adapted to individual requirements. Pre-requisite, Course 2a, except by permission of the head of the department. Miss SHUMWAY and Miss RHODES. *Two hours, winter term.*

2c. **Elementary Textiles and Dress Design**—Continuation of 2b. Miss RHODES. *Two hours, spring term.*

3a. **Food Economy in War Time**—This is a special course for the study of food problems due to the war. It includes discussion of foods available and of their comparative food values in relation to their cost, economy in the purchase and use of foods, economy through the elimination of unnecessary consumption of food, through small economies, careful preparation and well-planned menus, study of the special needs of children and infants, use of garden products, care and preservation of foods. An elementary knowledge of cooking is expected as pre-requisite to this course. Open to all. Wednesday and Friday at 11:00 o'clock. Professor TINGLE. *Two hours, fall and winter terms.*

4c. **Housewifery**—The care of the home and the systematic planning of daily routine, study of tools, materials, and methods for the cleaning, preservation and repair of household furnishings and equipment. Tuesday, Thursday and Friday at 10:00 o'clock. Miss SHUMWAY. *Three hours, spring term.*

5a. **Elements of Cookery**—This course includes a general survey of the elementary problems of cookery, with an introduction to planning and serving meals in the home. Pre-requisite or parallel, Chemistry 1 and Household Arts 4c, except by special permission to upperclasswomen. Not open to freshmen. Lectures and laboratory Tuesday, Wednesday and Thursday from 1:00 to 3:00 o'clock. Credit cannot be given for a single term's work. Professor TINGLE and Miss SHUMWAY. *Three hours, fall term.*

5b. **Elements of Cooking**—Continuation of 5a. Pre-requisite or parallel 5a or credits in high school cooking. Parallel, Household Arts, 6a, b or c should be taken if possible. Professor TINGLE and Miss SHUMWAY. *Three hours, winter term.*

5c. **Elements of Cooking**—Continuation of the above. Pre-requisite or parallel, 6a, b or c. Professor TINGLE and Miss SHUMWAY. *Three hours, spring term.*

6a, b, c. **Elementary Food Economics**—This is an elementary course, designed for students who have not taken the science courses that are pre-requisite to the course in Food and Nutrition. It includes a discussion of the functions and nutritive values of foods, the feeding of families and groups, with particular reference to nutritive requirements and cost of food in relation to the family budget. An elementary knowledge of cooking is expected. Monday, Tuesday, Thursday at 11:00 o'clock. Professor TINGLE and Miss SHUMWAY. *Three hours, any term.*

7c. **Marketing**—Study of the purchasing of food and household supplies, methods of buying, quality, quantity and tests, transportation and distribution of food, sources of supply, seasons and prices. Pre-requisite or parallel, Household Arts 6a, b or c. Professor TINGLE. *Three hours, spring term.*

8a and c. **The Home and Home Decoration**—The site, plan and construction of a house, application of structural art principles, choice and arrangement of household fabrics and furnishings, color, space and texture studies. Monday and Friday at 3:00 o'clock. Miss RHODES. *Two hours, fall and spring terms.*

8b. **The Home and Home Decoration**—A continuation of 8a and c. Miss RHODES. *Two hours, winter term.*

UPPER DIVISION

100a. **Food and Nutrition**—This course offers a survey of the nutritive values of foods and the nutritive requirements of the body. In the laboratory food values are studied quantitatively and problems in diagrams for different ages and conditions are worked out concretely. Pre-requisite, Elementary Chemistry and Psysiology, Household Arts 5a, b or c, or equivalent training in food preparation. Lectures and laboratory. Professor TINGLE and Miss SHUMWAY. *Three hours, fall term.*

100b. **Food and Nutrition**—Continuation of above. Professor TINGLE and Miss SHUMWAY. *Three hours, winter term.*

100c. **Food and Nutrition**—Repetition of Course 100a. Professor TINGLE and Miss SHUMWAY. *Three hours, spring term.*

101c. **Principles of Household Management**—The problems of the modern home maker from the ideal and practical point of view, study of the economic and scientific principles involved in maintaining household economy. Pre-requisite or parallel, Home Economics 4c and Sanitary Hygiene or Household Sanitation. Professor TINGLE. *Three hours, spring term.*

102a. **Practical Food Preparation for Social Workers**—Problems of cost, preparation and service, purchasing and preparation of food in larger quantities, as in social welfare centers, community kitchens and school lunch rooms; study of family dietaries for reduced incomes. Pre-requisite, Household Arts 7c, with at least two courses in food preparation and Household Arts 6a, b, c or 100a and b. Field work and practice in residence halls. Lectures and special studies. Professor TINGLE and Mrs. DATSON. *Three hours, fall term.*

102b. **Practical Food Preparation for Social Workers**—Continuation of the above. Professor TINGLE and Mrs. DATSON.
Three hours, winter term.

102c. **Practical Food Preparation for Social Workers.** Professor TINGLE and Mrs. DATSON. *Three hours, spring term.*

104a. **Home Nursing**—Emergencies, first-aid and simple home care of the sick, planning and serving meals for the sick and convalescent or for prescribed diets. Pre-requisite, at least two courses in food preparation or equivalent experience. *Three hours, fall term.*

105b and c. **Care of Children**—Study of the physical and mental development of children, food and clothing for children from infancy to adolescence, general care and training for family life from the point of view of child welfare. Pre-requisite 104a or Red Cross course in home nursing. Professor TINGLE and Professor DEBUSK.
Three hours, winter and spring terms.

106. **Practice Housekeeping**—This course is intended to give practical experience in the problems of the home, including purchasing supplies, cleaning, and laundry work, serving of meals, simple entertaining, etc. Students pay living expenses while in the practice house. Pre-requisite, Household Arts 4c; 5a, b, c; 6a, b or c; 7c and 101c. *Three to five hours, according to time of residence.*

107b. and c. **Home Economics Journalism**—This course is intended to equip Household Arts students as contributors to newspapers and magazines. Pre-requisite, Journalism 2, and not less than 15 hours Household Arts credits, with parallel courses as advised after conference with Professor TINGLE. Tuesday and Friday at 10:00 o'clock. Professor TINGLE and Professor ALLEN.
Two hours, winter and spring terms.

LABORATORY FEES

1a.	Household Sewing and Garment Making	$ .50
1b.	Household Sewing and Garment Making	.50
1c.	Household Sewing and Garment Making	.50
2a.	Elementary Textiles and Dress Design	1.00

2b.	Elementary Textiles and Dress Design	1.00
2c.	Elementary Textiles and Dress Design	1.00
3a.	Food Economy in War Time	.50
4c.	Housewifery	.50
5a.	Elements of Cookery	5.00
5b.	Elements of Cooking	5.00
5c.	Elements of Cooking	5.00
6a.	Elementary Food Economy	.50
6b.	Elementary Food Economy	.50
6c.	Elementary Food Economy	.50
100a.	Food and Nutrition	2.00
100b.	Food and Nutrition	2.00
100c.	Food and Nutrition	2.00
102a.	Practical Food Preparation for Social Workers	1.00
102b.	Practical Food Preparation for Social Workers	1.00
102c.	Practical Food Preparation for Social Workers	1.00
104a.	Home Nursing	1.00

Students in Household Arts 1a, 1b, 1c, pay a laboratory deposit of 50 cents and provide their own materials after conference with the instructor.

Students in food preparation courses provide themselves with regulation white aprons, holders, and small hand towels.

United States Food Administration Courses

1. **Food and the War**—A general survey of the world's food problem in its geographic, economic and nutritional aspects. This course includes a study of the effect of the war upon the food of Europe and America, and the necessity of food control. It will give a basis for intelligent cooperation with the work of the food administration in its different branches. Students taking this course should be qualified to assist in the direction of public opinion. Open to all. Tuesday at 2:00 o'clock. Professor Tingle. *One hour, fall term.*

2. **Fundamentals of Food and Nutrition in Relation to the War**—Open to students taking the course on Food and the War. Primarily for juniors and seniors. Previous courses in chemistry, physiology and economics useful but not required. A development

of the subject-matter of the course on Food and the War, with greater emphasis on its nutritional aspects and their relation to national and individual food conservation. Considerable collateral reading will be required. Monday, Wednesday, Friday at 1:00 o'clock. Professor TINGLE. *Three hours, fall term.*

3. **Laboratory Course in Use and Conservation of Foods**—The practical application of the principles presented in the course on the Fundamentals of Food and Nutrition in Relation to the War, designed to give the information and to develop the skill which will prepare the student to act as assistant to official demonstrators. Prerequisite or parallel Courses 1 and 2. Tuesday and Thursday at 1:00 o'clock. Professor TINGLE and Miss SHUMWAY.

Three hours, fall term.

Closely allied courses in other departments, most of which will be accepted for credit, are the following:

BOTANY

11. **Sanitary Hygiene**—Lectures, Monday, Tuesday, Thursday at 11 o'clock. *Three hours, fall term.*

106. **Bacteriology**—Lectures, Tuesday and Thursday at 11:00. Laboratory Wednesday, Friday afternoons.

Four hours, winter or spring term.

107. **Bacteriology.** *Four hours, spring term.*

PHYSICS

1. **Essentials of Physics**—Lectures, Monday, Wednesday, Friday at 9:00 o'clock. Laboratory Monday, Tuesday or Thursday.

Four hours, fall term.

2. **Essentials of Physics**—Lectures, Monday, Wednesday, Friday at 9:00 o'clock. Laboratory Monday, Tuesday or Thursday.

Four hours, winter term.

3. **Essentials of Physics**—Lectures, Monday, Wednesday, Friday at 9:00 o'clock. Laboratory Monday, Tuesday or Thursday.

Four hours, spring term.

Chemistry

1a. **General Chemistry**—Lectures, Monday, Tuesday, Thursday at 11:00 o'clock. Laboratory Wednesday, Thursday or Friday afternoons. *Four hours, fall or winter term.*

1b. **General Chemistry**—Lectures, Monday, Tuesday, Thursday at 11:00 o'clock. Laboratory Wednesday, Thursday or Friday afternoons. *Four hours, fall or winter term.*

1c. **General Chemistry**—Lectures, Monday. Tuesday, Thursday at 11:00 o'clock. Laboratory Wednesday, Thursday or Friday afternoons. *Four hours, spring or fall term.*

Zoology

Elementary Physiology.

Architecture

111, 112. **Domestic Architecture**—Junior subject. *One hour, fall and winter terms.*

113. **Domestic Architecture**—Junior subject. *One hour, spring term.*

114, 115, 116. **Domestic Architecture**—Junior subject. *One hour, each term.*

Numerous other courses are of particular value to women in various directions of study. The head of the department and lower division advisers will be prepared to make recommendations to meet the needs in individual cases. Among such courses for special preparation are: Elementary General Psychology, Educational Psychology, Adolescence, Civic Education, Persons and Domestic Relations, Educational Hygiene, Public Speaking.

HYGIENE AND PHYSICAL EDUCATION

Professor Cummings — Assistant Professor Thomson

Miss Winslow — Miss Rader

The purpose of this department is to promote the health of the individual college woman, to establish health habits, and to train her in health methods. Its special theoretical courses prepare playground supervisors and physical training teachers. All women are required to take, during some one term of their freshman year, a lecture course in personal hygiene. Practical hygiene consisting of class work in physical training is required for three hours a week during both the freshman and sophomore years. It is arranged after a thorough physical examination, ranging from the most strenuous sports, like basketball and swimming, through gymnasium class work, to restricted or corrective exercise and massage. It is arranged under the direction of a physician, to meet individual needs, and where the student desires, in consultation with the family physician, but only in the rarest cases is a student excused from the required amount of work for health maintenance and improvement.

Professional Training

There is a growing demand for playground supervisors and for teachers of hygiene and physical education. Young women in the School of Education of sound health and considerable organic vigor, who possess a good sense of rhythm, are accepted as majors in this department. Students majoring in other departments may take their minor work in this department.

The Women's Athletic Association

This is an organization open to all women of the University. It was formed for the purpose of bringing together those interested in athletic sports, to encourage others to take interest in them that active life in the great out-of-doors may be fostered here and throughout the state. Its activities include archery, baseball, basketball,

canoeing, field hockey, golf, tennis and walking, in which class and individual contests are held in the spring.

Laboratory Fees

A fee of 75 cents a term, payable at the time of registration, is charged all women registered in the department. The same fee is charged for use of pool and baths. These cover locker, swimming suit, towels, medicines, bandages, and other perishable supplies.

Suits and Shoes

Uniform gymnasium suits and shoes, which conform to definite hygienic requirements, are demanded. Neither should be purchased before entering college. Every entering woman should bring with her a sport skirt, a middy blouse and shoes suitable for outdoor athletics.

LOWER DIVISION

1. **Elementary Physical Education**—Sections a and b: The regular freshman work. (a) Monday, Wednesday and Friday at 3:00 o'clock; (b) Monday, Tuesday and Thursday at 4:00 o'clock; (c) Tuesday, Thursday and Friday at 10:00 o'clock.
One hour, each term.

2. **Advanced Physical Education**—The sophomore work. Monday, Tuesday and Thursday at 4:00 o'clock.
One hour, each term.

3. **Corrective and Remedial Gymnastics**—Individual prescriptive exercises for those unfit for regular class work. Sections at 9:00, 10:00, 11:00 and 2:00 o'clock on days scheduled for three-hour classes. Three times a week. *One hour, each term.*

4. **Elementary Dancing**—Aesthetic dancing and the more difficult folk dances. Fundamental steps and terminology. Technique exercises. Valuable for majors in physical education and dramatic interpretation. Wednesday and Friday at 11:00 o'clock. *Each term.*

4a. The more difficult folk and national dances. Two periods. Half hour for majors in Physical Training. *Spring term.*

5. **Swimming**—Tuesday and Thursday 2:00 to 5:30 o'clock.
Each Term.

6. **Personal Hygiene**—Repeated each term. Lectures and text: Hough & Sedgwick's "Human Mechanism." *Three hours, any term.*

7. **Applied Anatomy**—A study of the joints and principal muscle groups of the human body, with particular attention to their action. Open to sophomores only; a prerequisite for majors in physical education. Text: Nancrede's Anatomy.
Four hours, winter term.

8. **Visceral Anatomy**—A study of the human viscera, the vascular and nervous systems. *Four hours, spring term.*

UPPER DIVISION

100. **Advanced Gymnastics**—For majors in physical education and those preparing for playground supervision. Monday at 5:00 o'clock; Wednesday and Friday at 4:00 o'clock.
One hour credit to physical education majors, each term.

101. **Playground Supervision**—The hygienic, educational and social significance of play. The analysis of play activities; instruction in games, basketry and folk dancing; practical work with children. Open only to upperclass students. *Three hours, each term.*

102. **Advanced Dancing**—A continuation of the course begun during the fall term. Open only to those who have completed Course 4. Monday, Wednesday and Friday at 2:00 o'clock.
One-half hour credit to physical education majors, each term.

103. **Technique of Teaching**—Gymnastic terminology and readiness in the use of commands, voice and personal bearing of the teacher, are given chief attention. Two periods. *One hour, fall term.*

104. **Normal Instruction**—Practice in class instruction for facility in methods of demonstration, command and correction. Responsibility for rapid lesson movement and suitable progression. During the spring term analysis and composition of light apparatus exercises and simple dances. Two periods a week. Text: Skarstrom's "Gymnastic Teaching." *One hour, winter and spring terms.*

105. **Emergencies and Bandaging**—Cause, nature and treatment of unconsciousness, hemorrhage, wounds, bruises, sprains and fractures. Bandaging, dressings, antiseptics, and disinfectants. Demonstrations and practice. Text: Morrow's Immediate Care of the Injured. *Two hours, spring term.*

106. **Kinesiology**—The analysis of gymnastic, athletic and occupational movements from the standpoint of their motor mechanism. Prerequisites, Courses 2 and 7. Text: Skarstrom's Kinesiology. *Five hours, fall term.*

107. **Theory and Practice of Physical Education**—Physical education in relation to public health, its place in the educational scheme; adaptations of subject-matter and method. Discussion and practice in the management of athletics. Lectures and library work, in which the student becomes more or less familiar with current literature on the subject. *Three hours, fall and spring terms.*

108. **Theory and Practice of Corrective Gymnastics**—Lectures, demonstrations, assigned reading and practice of corrective gymnastics and massage. Two hours' lecture; three hours' practice. Prerequisites, kinesiology and physiology. *Three hours, fall and winter terms.*

109. **Anthropometry and Physical Examination**—The symptomatology of common ailments; the interpretation of health history and physical signs; the technique of physical measurements and tests. Prerequisites, kinesiology and physiology. *Three hours, spring term.*

110. **Eugenics**—Reproduction, heredity, environment and disease as related to racial health. Negative measures for race improvement; positive measures. Lectures and references. Prerequisites, botany or zoology. *Two hours, winter term.*

111. **History of Physical Education**—A study of historical methods by which health and physical efficiency have been maintained through exercise. *Two hours, fall term.*

112. **Mechanism of Remedial and Occupational Movement**—The anatomy of the bones, joints and muscles studied in application to gymnastic exercises and occupational movements. Designed

for students not majoring in physical education who wish to prepare for reconstruction work in army hospitals.

Four hours, fall term.

Courses for Teachers of Physical Training

Junior Yfar

Fall		*Winter*		*Spring*	
Kinesiology	5	Physiology	5	Physiology	5
Tech Teach	1	Normal Inst.	1	Normal Inst.	1
Prin. of Ed.	3	Observation	3	T. P. E.	3
Playground	3	Playground	3	Playground	3
Gym	1½	Gym	1½	Gym	1½

Elective.... 3 or 4

Senior Yeab

Cor. Gym.	3	Cor. Gym.	3	Anthropometry & Physical Diagnosis	2
Theory Physical Ed.	3	Theory P. E.	3		
Hist. P. T.	2	Eugenics	2	Bandage & Emergency	2
Teach	2-3	Teach	2-3	Teach	2-3
Gym	1½	Gym	1½	Gym	1½
Elective	4				

Prerequisites for this professional course are one year each of chemistry, zoology and psychology, with Courses 7 and 8 in this department, a fair degree of skill in gymnastics and dancing and a mastery of at least two sports.

The course permits of concentration upon some other subject for combination with physical education, which is highly desirable for high school positions in Oregon; the combination of a broad cultural course with technical training by electives in literature, history or language; or the enrichment of the technical course through closely related subjects. Especially valuable are sanitary chemistry, mental hygiene, school hygiene, clinical child psychology and school administration. The last combination should prepare for comprehensive health supervision, including physical training, in the moderate sized school system. Those desiring to study medicine later can complete the full pre-medical course in connection with the above outline.

LATIN

Professor DUNN — Assistant Professor CLARK

LOWER DIVISION

1. **Beginning Latin**—Daily at 8:00 o'clock. Mr. CLARK.
Five hours, fall term.

2. **Beginning Latin** (continuation of Course 1)—Daily at 8:00 o'clock. Mr. CLARK. *Five hours, winter term.*

3. **Caesar**—Selections from the Gallic war. Latin prose composition. Daily at 8:00 o'clock. Mr. CLARK.
Five hours, spring term.

4. **Caesar** (continuation of Course 3a)—Monday, Tuesday, Thursday and Friday at 10:00 o'clock. Mr. CLARK.
Four hours, fall term.

5. **Cicero**—Selected orations. Latin prose composition. Monday, Tuesday, Wednesday and Thursday at 11:00 o'clock; fall term. Repeated spring term, Monday, Tuesday, Thursday and Friday at 10:00 o'clock. Mr. CLARK. *Four hours, winter term.*

6. **Cicero** (continuation of Course 5)—Monday, Tuesday, Wednesday and Thursday at 11:00 o'clock. Mr. CLARK.
Four hours, spring term.

7. **Vergil**—Selections from the Aeneid. Monday, Tuesday, Wednesday and Thursday at 1:00 o'clock; fall term. Repeated spring term, Monday, Tuesday, Wednesday and Thursday at 11:00 o'clock. Mr. CLARK. *Four hours, fall or spring term.*

8. **Vergil** (continuation of Course 7)—Monday, Tuesday, Wednesday and Thursday at 1:00 o'clock. Mr. CLARK.
Four hours, winter term.

9. **Vergil**—Selections from the poems (continuation of Course 8). Monday, Tuesday, Wednesday and Thursday at 1:00 o'clock. Mr. CLARK. *Four hours, spring term.*

21. **Cicero's De Amicitia** and selected odes from Horace. Tuesday, Wednesday and Thursday at 8:00 o'clock. Professor DUNN.
Three hours, fall term.

22. **Terence's Andria**—Horace's odes (continued). Tuesday, Wednesday and Thursday at 8:00 o'clock. Professor DUNN.
Three hours, winter term.

23. **Sallust's Jugurtha**—Horace's odes (concluded). Tuesday, Wednesday and Thursday at 8:00 o'clock. Professor DUNN.

Three hours, spring term.

24. **Tacitus, Agricola and Germania**—Selected letters of Pliny. Tuesday, Thursday and Friday at 10:00 o'clock. Professor DUNN.

Three hours, fall term.

25. **Martial's Epigrams**—Pliny's letters (continued). Tuesday, Thursday and Friday at 10:00 o'clock. Professor DUNN.

Three hours, winter term.

26. **Suetonius' Life of Augustus**—Quintilian, Book X. Tuesday, Thursday and Friday at 10:00 o'clock. Professor DUNN.

Three hours, spring term.

41. **The Private Life of the Romans**—Lectures, readings and reports. Knowledge of Latin not a pre-requisite. Monday, Wednesday and Friday at 9:00 o'clock. Mr. CLARK.

Three hours, fall term.

42. **Roman Literature**—Lectures and readings. Monday, Wednesday and Friday at 9:00 o'clock. Professor DUNN.

Three hours, winter term.

44. **Our Inheritances from the Graeco-Roman Civilization**—Lectures, readings and reports. Monday, Wednesday and Friday at 2:00 o'clock. Professor DUNN. *Three hours, fall term.*

45. **Comparative Mythology**—Lectures and reports. Monday, Wednesday and Friday at 2:00 o'clock. Professor DUNN.

Three hours, winter term.

46. **Topography of Rome**—Lectures, readings. Monday, Wednesday and Friday at 2:00 o'clock. Professor DUNN.

Three hours, spring term.

UPPER DIVISION

101, 102, 103. **Selected Reading Course**—For juniors. (Seventh Year in Latin). To be arranged. Professor DUNN.

Three hours, each term.

111, 112, 113. **Latin Pedagogy**—Monday, Tuesday and Thursday at 11:00 o'clock. Professor DUNN.

Three hours, each term.

MATHEMATICS

Professor DeCou Professor McAlister Professor Winger

Military Science demands a thorough training in Mathematics on the part of every officer, at least through Advanced Algebra and Plane Trigonometry, and in many cases through Calculus and Differential Equations. The courses offered will meet all military needs. In general the instruction in Mathematics aims to secure the following objects: First, rigorous mental discipline for the general student through the study of an exact science; second, a thorough understanding of those subjects which form the basis of the Natural and Applied Sciences, such as Physics, Chemistry, Astronomy, Commerce, Architecture and Engineering; third, the adequate training of teachers of high school Mathematics.

Courses 1, 2, 3, 4 and 7 are designed for students in general courses who desire to secure a good foundation for their work in the Sciences, for students of Commerce and Architecture, and for those who expect to teach Mathematics in conjunction with other high school subjects. Courses 2 and 6 are required of freshmen in Commerce. Courses 2, 3, 4 and 7 are required of students of Architecture.

Major students in Mathematics and those preparing for Engineering should take the following courses during the first two years: freshman year, Course 5; sophomore year, 102.

Advanced and graduate students in Mathematics are offered a number of fundamental elective courses, arranged to give breadth and symmetry to their mathematical training for both the Bachelor's and Master's degree.

Freshmen entering the second or third terms will find Courses 2, 3, 4, 5 and 6 open to them if sufficiently prepared.

LOWER DIVISION

1. **Solid Geometry**—Daily, except Wednesday, at 10:00 o'clock. Professor Winger. *Four hours, fall term.*

2. **Advanced Algebra**—An elementary course open to freshmen. Required of students in Commerce and Architecture. Fundamental to all work in Military Science. This course is following the winter and spring terms by either Plane Trigonometry or Mathematical Theory of Investment. Fall term, Tuesday, Wednesday, Thurs-

day, Friday at 8:00 o'clock. Professor DeCou. Winter term, Monday, Tuesday, Thursday, Friday at 10:00 o'clock. Professor Winger.
Four hours, fall or winter term.

3. **Plane Trigonometry**—An elementary course open to freshmen. It should be preceded by Advanced Algebra, Course 2. Required of students in Architecture. Fundamental to all work in Military Science. Followed in spring term by Analytical Geometry or Mathematical Theory of Investment. Winter term, Tuesday, Wednesday, Thursday, Friday at 8:00 o'clock, as part of Course 5 in Elementary Analysis. Professor Winger. Spring term, Monday, Tuesday, Thursday, Friday at 10:00 o'clock. Professor DeCou.
Four hours, winter or spring terms.

4. **Analytical Geometry**—Open to freshmen who have had Advanced Algebra and Plane Trigonometry. Required of students in Architecture. Fall term Tuesday, Thursday, Friday at 10:00 o'clock. Professor DeCou. Spring term, Tuesday, Wednesday, Thursday, Friday at 8:00 o'clock, as part of Course 5 in Elementary Analysis. Professor Winger. *Three hours, fall term; four hours, spring term.*

5. **Elementary Analysis** (Advanced Algebra, Plane Trigonometry and Analytical Geometry)—Open to freshmen. A combined course, stressing Advanced Algebra in the fall term, Plane Trigonometry in the winter term and Analytical Geometry in the spring term. Students looking toward major work in Mathematics, Engineering or Science are advised to take this course. Tuesday, Wednesday, Thursday, Friday. Professor Winger. *Four hours, each term.*

6. **Mathematical Theory of Investment**—An elementary treatment of interest, annuities, valuation of bonds, sinking funds, building and loan associations, life insurance, etc. Open to freshmen and others who have had Advanced Algebra. Required of Commerce students. Winter term, Monday, Tuesday, Thursday, Friday at 11:00 o'clock. Professor Winger. Spring term, Tuesday, Wednesday, Thursday, Friday at 8:00 o'clock. Professor DeCou.
Four hours, winter or spring term.

7. **Differential and Integral Calculus**—An introductory course for literary and scientific students. Pre-requisite Analytical Geom-

etry, Course 4. Required of students in Architecture. Tuesday, Thursday, Friday at 10:00 o'clock. Professor WINGER.

Three hours, winter and spring terms.

8. **Elements of Statistical Methods; Theory and Use of the Slide Rule**—This course is designed for students majoring in Commerce, Economics, Education, Journalism, Architecture, Mathematics and the Natural Sciences, who have occasion to compile and interpret statistics. The theory and use of the Slide Rule is included for its practical use in shortening the work of computation. The treatment is largely non-mathematical, but students will be benefited by taking Course 2 in Advanced Algebra beforehand. Monday, Tuesday, Thursday at 11 o'clock. Professor DECOU.

Three hours, spring term.

9. **Applied Mathematics**—This course is intended for students of Chemistry and Physics, and embraces a rapid review of Differential and Integral Calculus, with applications to problems of Physics and Chemistry; the development of Infinite Series; elements of Differential Equations; Fouriers' Theorem; Theory of Probability and Adjustment of Errors; Calculus of Variations. A course in Calculus should precede this course. Hours to be determined. Professor MCALISTER. *Three hours, two terms.*

UPPER DIVISION

101. **Teaching and History of Mathematics**—Especially intended for high school teachers. The course includes a study of the methods of teaching secondary mathematics, a careful examination and comparison of recent texts as they exemplify these methods and the humanizing of mathematics teaching through a knowledge of the history of the great men who developed the science. Monday, Tuesday, Thursday at 11:00 o'clock. Professor DECOU.

Three hours, fall term.

102. **Differential and Integral Calculus**—A fundamental course to Mathematics, Science and Engineering, laying a thorough foundation for all future work in Mathematics **and** its applications. Monday, Tuesday, Wednesday, Friday at 9:00 o'clock. Professor DECOU.

Four hours, each term.

103. **Differential Equations**—A practical course in the solution of Ordinary and Partial Differential Equations. Pre-requisite, Course 102. Differential and Integral Calculus. (Not given in 1918-19). Wednesday and Friday at 11:00 o'clock. Professor DeCou. *Two hours, each term.*

104. **Higher Algebra**—A more advanced and rigorous treatment of the topics of the preceding courses, together with the addition of many new topics. Hours to be arranged. Professor DeCou. *Three hours, one term.*

105. **Theory of Equations and Determinants**—An important course giving the essential principles required in various advanced studies. Hours to be arranged. Professor DeCou. *Three hours, one term.*

106. **Solid Analytical Geometry**—An advanced course dealing with surfaces of the second degree and their properties, together with some discussion of surfaces in general. Hours to be arranged. Professor Winger. *Three hours, one term.*

107. **Advanced Integral Calculus**—Including definite integrals, Fourier's series, elements of elliptic integrals and functions. Pre-requisite, Course 102. Hours to be arranged. Professor DeCou. *Three hours, two terms.*

108. **Analytical Trigonometry**—Pre-requisite, Plane Trigonometry. Hours to be arranged. Professor DeCou. *Three hours, one term.*

109. **Theory of Functions of a Complex Variable**—Hours to be arranged. Professor DeCou. *Three hours, one term.*

110. **Projective Geometry**—An analytical treatment covering the topics of homogeneous coordinates, duality, involution, geometry on a line, the projective properties of conics, rational curves. The connection between metric and projective geometry is emphasized. In the latter part of the course higher plane curves will be studied, including the polar theory, singular points and Plucker's equations. Lectures and assigned readings. Pre-requisite, Mathematics 5 and 102. Monday, Wednesday and Friday at 9:00 o'clock. Professor Winger. *Three hours, one or two terms.*

111. **Higher Plane Curves**—An advanced course based on analytical geometry and calculus. (Not given in 1918-19.) Professor WINGER. *Three hours, each term.*

112. **Differential Geometry**—Introductory course based on Eisenhart's Differential Geometry. Pre-requisite, Course 102. *Two hours, two terms.*

113. **Non-Euclidean Geometry**—A study of the essential features of the geometries of Lobachevsky and Riemann, including non-Euclidean Trigonometry. A critical reading of standard texts, the history of the parallel postulate foundation of geometry. Pre-requisite, Mathematics 5, 102, 110. Professor WINGER. *Two hours, two terms.*

GRADUATE COURSES

On application courses will be provided for graduates and others of sufficient mathematical maturity and training in the following subjects: Elliptic Functions, Substitution Groups and the Theory of Numbers.

EQUIPMENT

The department is provided with a well selected library of the best American and foreign works, in addition to a large collection of elementary texts for pedagogical purposes. It has a complete file of the American mathematical journals and the Mathematische Annalen and receives regularly the current numbers of these journals and some other foreign ones.

A collection of the famous Brill models is an important adjunct of the work in geometry. Included in this collection are plaster models of ellipsoids, hyperboloids of one and two sheets, elliptic and hyperbolic paraboloids, on which are shown the geodesic lines, lines of curvature, circular and principal sections, etc.; also wire and thread models, illustrating ruled surfaces and generating lines of conicoids. A spherical blackboard, three feet in diameter, blackboard apparatus for use in geometrical constructions, and numerous models and drawing constructed by the students, add materially to the equipment. A complete set of mensuration blocks and models is used in the study of geometry teaching.

Recommendation for Teachers

Students expecting to teach Mathematics as a minor subject should elect the following courses:

	Catalog No. of Course	Term Hours
Advanced Algebra and Trigonometry	2 and 3	8
Analytic Geometry and Calculus	4 and 7	9
Theory of Equations and Determinants	105	3
Teaching and History of Mathematics	101	3

MECHANICS AND ASTRONOMY

Professor McAlister

Upper Division

101. **Analytical Mechanics**—First term, statics; second term, particle dynamics; third term, dynamics of a rigid body. Calculus is a pre-requisite. *Three hours, each term.*

102. **Applied Mechanics**—A course for students of architecture, including analytical and graphic statics, and strength of materials. *Three hours, each term.*

103. **Theory of Elasticity**—The mechanics of elastic solids; applications to the strength, resistance and deformation of the ordinary materials of construction. *Four hours, spring term.*

104. **Hydrodynamics**—The mechanics of fluids, with special reference to liquids, but including also some applications to air and other gases. *Four hours, winter term.*

176. **Constructive Design**—A course for students of architecture. *Two hours, each term.*

Astronomy

Upper Division

101. **General Astronomy**—Descriptive in character, not involving mathematical discussions. Two lectures or recitations per week, and one evening of observation. *Three hours, each term.*

102. **Practical Astronomy**—Determination of time, latitude, longitude, and azimuth by astronomical methods. A working knowledge of trigonometry is necessary. One lecture, one afternoon period and one evening period. *Three hours, spring term.*

MILITARY SCIENCE AND TACTICS

Col. W. H. C. Bowen Lt. Col. John Leader

The Military Department of the University of Oregon is a United States Reserve Officers' Training Corps, organized under Act of Congress and the regulations of the War Department, to train students to become commissioned officers in the United States army. In addition, the War Department will establish at the University in September a unit of the newly announced cadet training organization of the United States army. These two units will be coordinated. All male students will be enrolled in the Reserve Officers' Training Corps (R. O. T. C.), but only those who desire to enlist immediately need enroll in the cadet training organization. Members of the latter are accounted regular members of the armed forces of the United States. Members of the former assume no obligations, but are offered the opportunity to become candidates for commissions.

United States commissioned and non-commissioned army officers are assigned by the War Department to the University to participate in the training of the students. At the request of the University authorities, the government of Great Britain also recommended to the University a distinguished officer of 23 years' service in the British regular army, and he has been in charge of military instruction at the University since January 1, 1918. This officer, Lieutenant Colonel John Leader, late commanding the Sixteenth Royal Irish Rifles, has seen active service in many lands, has at different times commanded military units of seven different nationalities, and has held important staff and line positions in England, Ireland, India, China, Japan and in other parts of the British empire. He was invalided home after the regiment he had raised in the north of Ireland had fought for two years on the western front and had been virtually annihilated in the Battle of the Somme.

Besides government equipment of rifles, bombs, bayonets, etc., and the uniforms furnished to students by the government, the University has an elaborate system of trenches, the exact replica of those found in France and Flanders, and the University Battalion has constructed military bridges, bayoneting frames, bombing cages, and other apparatus used in training. Eight hours a week (Military Science I and II), is required of all male students.

COURSES

1. **Military Science**—Daily drill, close and extended order, bayoneting, bombing, semaphore and wig-wag, bridging and field problems. Six hours a week. *Six hours throughout the year.*

2. **Military Science**—Lectures. Two hours a week. *Three hours throughout the year.*

3. **Officers' School.** *One hour throughout the year.*

4. **Military Organization**—Professor BATES. *Two hours, one term.*

5. **Military Law**—Professor BARNETT. *Two hours, one term.*

6. **Camouflage**— Professor REDDIE. *Two hours, two terms.*

7. **Military Engineering**— Professor MCALISTER. *Four hours, throughout the year.*

8. **Topography and Mapping**—Professor SMITH. *Two hours, two terms.*

Electricity—See Department of Physics.

Magnetism—See Department of Physics.

PHILOSOPHY

Professor REBEC

President CAMPBELL Dean FOX

LOWER DIVISION

1. **Practical Ethics**—A discussion of the problems of college life with the men of the freshman class. Tuesday and Thursday at 1:00 o'clock. President CAMPBELL. *Two hours, fall and winter terms.*

2. **Practical Ethics and Vocational Problems**—For women. One-half of this course is devoted to a consideration of practical campus problems of everyday talk and conversation, one-half to a consideration of vocational opportunities in gainful occupations open to women. A large majority of these lectures are given by professional men and women, who speak from experience. Monday, Wednesday and Friday at 1:00 o'clock. Repeated each term. Dean FOX. *Three hours, any term.*

UPPER DIVISION

101. **Introduction to Philosophy**—The aim of this course will be less the opening up of traditional technical fields of philosophy

than the forming of a habit of philosophizing. Accordingly, the method of procedure will be mainly by Socratic questions and free discussion. Students are, in general, advised to begin their work in philosophy with this course and should not take it before the second or third term of the sophomore year. Monday, Tuesday, Wednesday and Thursday at 11:00 o'clock. *Four hours, spring term.*

102. **Logic**—A covering of the ground of the ordinary deductive and inductive logic, with a constant endeavor, however, to give the processes a living function, and to present the theory of thought in its modern terms. Monday, Tuesday, Wednesday and Thursday at 11:00 o'clock. *Four hours, winter term.*

103. **Ethics**—A brief survey of historic types of practical morality and ethical theory, followed by a discussion of actual ethical problems. Monday, Tuesday, Wednesday and Thursday at 11:00 o'clock. *Three hours, fall term.*

104. **History of Philosophy**—Ancient thought from Thales to Aristotle. Monday, Tuesday and Thursday at 10 o'clock.
Three hours, fall term.

105. **History of Philosophy**—From the Hellenistic period to Renaissance. Monday, Tuesday and Thursday at 10:00 o'clock.
Three hours, winter term.

106. **History of Philosophy**—The modern period. Monday, Tuesday and Thursday at 10:00 o'clock. *Three hours, spring term.*

107. **Philosophy of Religion**—Monday, Wednesday and Thursday at 9:00 o'clock. *Three hours, fall term.*

108. **Special Aesthetics**—The evolution of the European aesthetic consciousness, especially as recorded in the supreme masterpieces of literature, from Homer to the nineteenth century. Each member of the class is required to produce a paper, based on a special study, from the point of view of the purposes of the course, of some relevant piece of great literature, preferably in a field with which he is already familiar, and in consultation with the professors of the department in which the piece of literature falls Lectures and assigned readings. Properly a senior course. Monday, Wednesday and Thursday at 9:00 o'clock. Not given in 1918-19.
Three hours, winter term.

109b. **Philosophy of History**—Monday, Wednesday and Thursday at 9:00 o'clock. *Three hours, winter term.*

109c. **Present Day Thought**—With special reference to the philosophies of James, Eucken and Bergson. Lectures and assigned readings. A senior course. Monday, Wednesday and Thursday at 9:00 o'clock. (Omitted in 1918-19) *Three hours, spring term.*

PHYSICAL EDUCATION—MEN

HUGO BEZDEK W. L. HAYWARD
DEAN W. WALKER

Aims—First, to develope efficient functionating power of the digestive, circulatory and respiratory system.

Second, to atain muscular developement and coordination.

Third, to correct abnormalities and to outline suitable diet and exercise against inherited tendencies.

Fourth, to establish a daily exercise hour for every student through accessible facilities and proper incentive.

Fifth, to foster a spirit of fair play.

Sixth, to acquaint and make proficient to some degree every student in modern sports.

For outdoor work the department has Kincaid Field, consisting of a gridiron surrounded by a quarter mile track and with bleachers of a seating capacity of 8,000; a separate varsity baseball diamond south of Kincaid Field, together with an intramural field; six tennis courts scattered upon the campus with a probable addition of six more. At present upon the new thirty-four acre athletic field a golf links has been constructed for the exclusive use of the University.

For indoor work three hours a week in the gymnasium classes are required of all students during the freshman and sophomore years.

The new gymnasium is fitted with all modern gymnastic apparatus. The main hall is 59x106 feet, with a 20-foot ceiling. On the same floor is the office of the director, a room for anthropometry, and a tube hand-ball court 20x20x50 feet; there is also a gallery for spectators with a seating capacity of 450. Eight feet above the gallery is a 16-lap cork running track nine feet wide. The basement

is fitted up with steel lockers, shower baths, and a swiming pool 30x60 feet, with a gradual slope from three and one-half to nine feet in depth.

Both a physical and medical examination is prescribed of all freshmen. All candidates for varsity teams, especially for football and track and field, must undergo a medical examination. All men students are required to be able to swim a distance of 50 yards by the end of the second year. A regular gymnasium suit, consisting of running pants, sleeveless shirt,supporters and rubber soled shoes must be procured for indoor work; and for outdoor, heavy shoes, trousers, supporters, heavy shirt or sweater. A locker must be obtained from the Comptroller by all students having work in the gymnasium. All matters of jurisdiction in the work of the department is subject to the control of the director and the staff. All work in the department, both indoor and outdoor, is divided into intramural, freshman and intercollegiate.

The scope of the work is further divided according to the season of the year, namely, from the opening of school, September 12, to Thanksgiving day, wherein fall outdoor sports are in vogue; the winter season from the first of December to the first of March and the spring sports from the first of March to the first of June.

Two years of Physical Education are required of all men students, preferably in the freshman and sophomore years.

For the period of the war military drill is substituted for the usual gymnasium work for all men who are able to carry it. The regular gymnasium work is carried on for those who are unable to take the military work and those who wish special training in this department with a view of becoming teachers.

The following courses are offered:

101. **Elementary Gymnastics**—Freshman athletic; fundamentals of outdoor and indoor sports; aquatics.
Three hours per week.

102. **Advanced Gymnastics**—Aquatics, varsity athletics, intramural competitive sports. *Three hours per week.*

103. **Special Corrective Exercises.**

104. **Advanced Technique**—Pre-requisite, Courses 1, 2 and 5. *Four hours per week.*

105. **Personal Hygiene**—Lectures upon fundamental laws of efficient living. Required of all freshmen. *One hour, both semesters.*

106. **High School Coaching**—Designed for athletic coaches and teachers of physical education. Both theory and practice in all outdoor and indoor work. *Two hours, each term.*

PHYSICS

Professor BOYNTON Professor CASWELL

Mr. PATTERSON

Courses 1, 2 and 3 are the most elementory work offered by the department, and open to all students, whether they have taken physics in the high school or not. They aim to give a knowledge of the principles underlying the phenomena of every-day life. The assignment of experiments in the laboratory is varied, according to the previous preparation of the student, or to meet special needs or interests.

Courses 4, 5 and 6 presuppose a year of high school physics. They are particularly intended for students specializing in physics, mathematics and chemistry, and are prescribed for students preparing for architecture or medicine, but are adapted to others wishing a strong general course. These courses, or, in exceptional cases, Courses 1, 2 and 3, should precede any of the more advanced courses offered by the department.

Prospective teachers of high school physics should include in their program Courses 4, 5, 6, 105 and 110.

A deposit of $4.00 is required for each laboratory course each term. The usual expense, aside from special charges for unusual breakage or articles lost or taken from the laboratory, is at the rate of $1.75 for each term hour of credit.

LOWER DIVISION

1. **Essentials of Physics**—Mechanics, molecular physics and heat. A general non-mathematical course, open to all students. Lectures, recitations and one laboratory period per week. Monday,

Wednesday and Friday at 9:00 o'clock. Laboratory Monday, Tuesday or Thursday afternoon. Professor BOYNTON.

Four hours, fall term.

2. **Essentials of Physics**—Magnetism and electricity. A continuation of Course 1, open to all students. The same hours and days. Professor BOYNTON. *Four hours, winter term.*

3. **Essentials of Physics**—Sound and light. A continuation of Course 2, open to all students. The same hours and days. Professor BOYNTON. *Four hours, spring term.*

4. **General Physics**—Simple measurements, mechanics, molecular physics and heat. Intended for students yho have had physics in the high school. Section I, for pre-medical students, Tuesday, Thursday and Friday at 10:00 o'clock; Section II, for students interested in architecture, chemistry, mathematics or physics, Monday, Tuesday and Thursday at 11:00 o'clock. Laboratory and problems, one or two afternoons, Monday, Tuesday or Thursday afternoon. Professor CASWELL. *Four or five hours, fall term.*

5. **General Physics**—A continuation of Course 4, taking up magnetism and electricity. The same hours and days. Professor CASWELL. *Four or five hours, winter (or spring) term.*

6. **General Physics**—A continuation of Course 5, taking up sound and light. The same hours and days. Professor CASWELL.

Four or five hours, spring (or winter) term.

UPPER DIVISION

101. **Sound**—A more extended treatment than that given in the general courses, intended especially for students of music. Textbook, experimental lectures and a very complete collection of lantern slides. Considerable attention is given to the scientific basis of harmony and music, and to the physics of musical instruments. May be advantageously taken in connection with the course on the Psychology of Music. Not given in 1918-19. Professor BOYNTON.

Two hours, fall term.

103. **Photography**—Pre-requisites, Physics 3 or 6, and some familiarity with elementary chemistry. A study of photographic

methods and appliances, including lenses, sensitive plates and their treatment, and the common photographic papers. Wednesday and Friday at 11:00 o'clock. Laboratory, one afternoon. Professor BOYNTON. *Three hours, spring term.*

105. **History and Teaching of Physics**—Especially for prospective teachers of high school physics. Monday, Tuesday and Thursday at 11:00 o'clock. Professor BOYNTON.

Three hours, winter term.

107. **Electrical Measurements**—Pre-requisites, a year of College Physics and some acquaintance with the Calculus. Laboratory and lectures, mainly on direct currents, including a study of standards, the calibration of commercial instruments by the potentiometer, the intensity and distribution of illumination and the efficiency of incandescent lamps, and the magnetic properties of iron. Professor BOYNTON. *Three hours, fall term.*

108. **Electrical Measurements**—A continuation of Course 107, taking up the measurement of capacities and inductances, and an introduction to alternating current theory and measurement. Professor BOYNTON. *Three hours, winter term.*

109. **Electrical Measurements**—A continuation of Courses 107 and 108, including also a discussion of transient electrical phenomena, electrical oscillations and waves, and wireless telegraphy. Professor BOYNTON. *Three hours, spring term.*

110. **Physical Technics**—The administration of the physical laboratory, and the construction, adjustment, repair and manipulation of physical apparatus, including a study of home-made apparatus for high school laboratories, the elements of glass working, etc. Lectures, assigned readings and laboratory. Hours to be arranged. Professor BOYNTON. *Two hours, any term.*

111. **Electricity and Matter**—A descriptive course dealing with the phenomena of cathode and canal rays, X-rays, ionization of gases, photoelectric effect, radioactivity and similar topics. Pre-requisites, a year of college physics, and some familiarity with elementary chemistry. Two lectures and one laboratory period. Not given in 1918-19. Professor CASWELL. *Three hours, fall term.*

112. **Electron Theory**—A continuation of Course 111. The topics there treated, and some others, are discussed from the standpoint of the electron theory. Two lectures, with or without laboratory. Not given in 1918-19. Professor CASWELL.

Two or three hours, winter term.

113. **Electron Theory**—A continuation of Course 112. Not given in 1918-19. Professor CASWELL.

Two or three hours, spring term.

114. **Cosmic Physics**—A treatment of the physical phenomena presented by the earth, atmosphere and celestial universe, such as air and ocean currents, distribution of temperature and moisture, weather observations and prediction, terrestial magnetism, aurora and sun spots. Professor CASWELL. *Three hours, fall term.*

115. **Theory of Light**—Lectures with experimental illustration. Problems relating to the theory of optical instruments, treated by the method of Geometrical Optics, and of the wave theory. Two lectures and one laboratory period Professor CASWELL.

Three hours, winter term.

116. **Theory of Light**—A continuation of Course 115. Professor CASWELL. *Three hours, spring term.*

117, 118, 119. **Selected Topics**—Under this title the department offers occasional courses, either on recent advances in science, or on topics of timely interest. Two such courses have been offered during the year 1917-18.

117. **Light and Color**—A study of some of the problems of illumination and color; of particular interest to architects. Professor CASWELL. *Two hours, fall term.*

119. **Applications of Electricity and Magnetism**—Open to students who have taken Course 2 or 5. A study of electric circuits as used for signalling, or the transmission and control of power, and of the fundamentals of direct current machinery. There will also be a very brief statement of alternating currents, and of electric waves and their applications to wireless telegraphy. Tuesday, Wednesday and Thursday at 8:00 o'clock. Laboratory, one afternoon. Professor BOYNTON. *Four hours, spring term.*

121. **Thermodynamics**—A study of heat and related forms of energy, as applied to ideal gases, saturated vapors and other simple types of substances. Especially for students of physics and physical chemistry. Not given in 1818-19. Professor BOYNTON.

Four hours, fall term.

122. **Molecular Physics**—A continuation of Course 121, including the kinetic theory of gases and liquids, the deduction and further discussion of van der Waal's equation and the theory of solutions. Not offered in 1918-19. Professor BOYNTON.

Four hours, winter term.

124, 125, 126. **Advanced Laboratory and Thesis**—Professors BOYNTON and CASWELL.

GRADUATE COURSES

201, 202, 203. **Advanced Theoretical Physics**—Lectures and assigned readings. The topics treated will be varied from year to year to suit the needs of the students. Hours to be arranged. Professors BOYNTON and CASWELL.

204, 205, 206. **Advanced Laboratory, Research and Thesis**—Qualified students will have all the facilities of the laboratories placed at their disposal and will receive the advice and assistance of the department. Hour to be arranged. Professors BOYNTON and CASWELL.

207, 208, 209. **Seminar and Journal Club**—Conferences and reports on assigned topics and current periodical literature. Hours to be arranged. Professors BOYNTON and CASWELL.

POLITICAL SCIENCE

Professor BARNETT

LOWER DIVISION

1. **American Federal Government**—The federal government, with special attention to practical operations and contemporary reforms. Monday, Tuesday, Thursday and Friday at 10:00 o'clock.

Four hours, fall term.

2. **American State and Local Governments**—The state and local governments, with special attention to practical operations and contemporary reforms in Oregon. Monday, Tuesday, Thursday and Friday at 10 o'clock. *Four hours, winter term.*

3. **European Governments**—The organization and operation of the governments of England, France, Germany and Switzerland, with special attention to the government of England. Monday, Tuesday, Thursday and Friday at 10:00 o'clock. *Four hours, spring term.*

4. **Elementary Law**—An introductory study of the nature and sources of law, the history of English and American law, and the organization and operation of the courts, followed by a general consideration of the principle branches of the common law. Practice in the use of cases. Tuesday, Wednesday, Thursday and Friday at 9:00 o'clock. *Four hours, fall term.*

5. **Military Law**—The elements of military law. Chiefly a discussion of the official Manual for Courts-Martial and Rules of Land Warfare. Hours to be arranged. *Two hours, each term.*

UPPER DIVISION

101. **Constitutional Law**—A study of the federal constitution as interpreted by the courts. Chiefly a discussion of leading cases. It is desirable that this course be preceded by Political Science 4. Monday, Tuesday, Wednesday, Thursday and Friday at 9:00 o'clock. *Five hours, winter term.*

102. **Law of Officers**—The principles of the law of public officers. Chiefly a discussion of leading cases. Open to students credited with at least one course in law. Tuesday, Wednesday, Thursday and Friday at 9:00 o'clock. *Four hours, spring term.*

103. **Law of Municipal Corporations**—The principles of the law of municipal corporations. Chiefly a discussion of leading cases. Open to students credited with at least one course in law. Monday, Tuesday, Wednesday and Friday, at 8:00 o'clock. *Four hours, winter term.*

104. **International Law**—The principles of international law. It is desirable that this course be preceded by Political Science 4. Monday, Tuesday, Wednesday and Friday at 8:00 o'clock. *Four hours, spring term.*

105. **City Government**—The organization and operation of city government in France, Prussia, England and the United States, with special attention to contemporary reforms in the United States. Monday, Tuesday, Wednesday and Friday at 8:00 o'clock.

Four hours, fall term.

106. **Political Theory**—A study of the main concepts of political theory, mostly from the works of modern writers. Monday, Tuesday, Wednesday and Friday at 8:00 o'clock. (Omitted 1918-19.)

Four hours, spring term.

PSYCHOLOGY

Professor CONKLIN Assistant Professor TEACHOUT Miss HAGER

Assistant Professor WHEELER (on leave of absence for war service)

Courses in this department are not open to freshmen except in special cases. (See Course 1a.)

LOWER DIVISION

1. **Elementary General Psychology**—Lectures, discussions and classroom demonstrations covering in a general way the elements of consciousness, their physical substrata and the phenomena of sensation, habit, attention, association, perception, imagination, memory, judgment, reasoning, instinct, emotion and will from both the structural and functional viewpoints. Pre-requisite to all other courses in this department, except Courses 106 and 118. This course may be taken with or without laboratory. Monday, Tuesday, Wednesday and Friday at 9:00 o'clock, or Monday, Tuesday, Wednesday and Thursday at 11:00 o'clock. Laboratory hours to be arranged. Professor CONKLIN, Assistant Professor TEACHOUT and Miss HAGER.

Four or five hours, fall and winter terms.

1a. **Elementary General Psychology** (short course)—When the demand warrants there will be offered during the spring term a briefer course in elementary psychology following the general plan of Course No. 1. This course will be accepted as satisfying the pre-

requisite for advanced courses in this department. Offered spring term 1917-18. Daily at 8:00 o'clock. Assistant Professor TEACHOUT, with one lecture each week by Professor CONKLIN.

Five hours, spring term.

UPPER DIVISION

103a. **Systematic Psychology**—Given for advanced undergraduates, major and graduate students. Fall term; physiological psychology—a thorough systematic review of the structure and functioning of the nervous system and physiology of the sense organs in so far as is necessary for an understanding of human behavior; recent studies of muscular and organic reflexes from the experimental works of Sherrington, Cannon, Pavlov and others. Winter term; a comparative study of various psychological systems, including modern tendencies toward behavioristic interpretations of mental life. Among the systems studied are those of James, Angell, Wundt, Ribot, Watson, Titchener, Calkins, and Prince. Spring term; historical studies of the more vital problems of experimental psychology, such as attention, affection, emotions, sensation, will, learning, memory, reasoning and judging. The most recent literature available is used as the basis of lectures. Particularly adapted to give pre-medical and other students a working knowledge of biological and behavioristic interpretations of mental life. Open to seniors and graduate students without pre-requisite. Students admitted each term. Monday, Tuesday, Wednesday and Friday at 9:00 o'clock. Assistant Professor TEACHOUT. *Three hours, each term.*

103b. **Advanced Laboratory**—Supplementary to 103a and like it designed for advanced undergraduates, for students majoring in psychology, and for graduate students. Laboratory experiments are performed in sensation, imagery, affection, attention, memory, reaction times, learning, and in the higher thought processes The aim of these experiments is to give the student a thorough training in laboratory methods, technique, and in introspection. From time to time seminars will be held in which the results will be discussed and criticised and compared with work done in other psychological laboratories. Tuesday and Thursday at 1:00 to 4:00 o'clock. Assistant Professor TEACHOUT. *Two hours, each term.*

104. **Abnormal Psychology**—Designed especially for pre-medical students and for majors in physical training. Aphasia,

amnesias, hysteria, dual personality, trance states, telepathy, theories of the subconscious, sleep, dreams, hypnosis, dissociations, fixed ideas, psychotherapy, and the common types of insanity will be presented by means of lectures, discussions and textbook work. Elementary psychology is a pre-requisite. Spring term, 1918-19, Monday, Tuesday and Thursday at 11:00 o'clock. Professor CONKLIN.
Three hours, one term.

105. **Mental Hygiene**—This course is the complement of No. 104. It covers the conditions of efficient mental activity so far as they have been determined, the methods and results of the studies of mental fatigue, the hygiene of the emotions and of the intellectual processes, and the causes and prevention of insanity. Elementary psychology is a pre-requisite. Tuesday, Thursday and Friday at 10:00 o'clock. Professor CONKLIN. *Three hours, one term.*

106. **Adolescence**—Genetic psychology in its broadest aspects is here studied, with especial emphasis upon the psychological characteristics of adolescence and their relations to psychology, anthropology, sociology, crime, religion, philosophy and education. G. Stanley Hall's Adolescence is used as a textbook. Open to qualified juniors and seniors. Tuesday, Wednesday and Thursday at 8:00 o'clock. Professor CONKLIN. *Three hours, fall and winter terms.*

107. **Research and Thesis**—Designed for advanced students in laboratory technique. Courses 1 and 103 are indispensable prerequisites. Special training is given in methods of research by participation in original researches under the personal direction of the instructor. Hours to be arranged. Professor Conklin and Assistant Professor TEACHOUT. *Two or three hours, each term.*

108. **Mental Measurements**—Designed to introduce the student to the literature of mental test methods and results, to provide individual training in the use of tests, and to familiarize with applications of statistical methods to psychological work. Given with reference to the use of mental tests and examinations in the United States army, and to current commercial applications of psychology in the selection of employes. Given as a two-hour course the fall term of 1917-18. Repeated in a much enlarged form in the spring term as a three-hour course. Tuesday and Thursday at 9:00 o'clock, and one

laboratory period. Elementary psychology is a pre-requisite. Professor CONKLIN. *Three hours, spring term.*

118. **Psychology of Advertising**—Conducted in close cooperation with the schools of Commerce and Journalism, and designed to be taken in conjunction with Commerce 118 (advertising). A rapid, but fairly intensive survey of the phenomena of perception, attention, memory and action, with predominant emphasis on their applications to advertising. An attempt will be made not only to familiarize the student with the applications which have actually been made, but to furnish a basis for a critical evaluation of new contributions in this direction, and a background for independent applications. Open to students taking Commerce 118 without pre-requisite, in other cases with the consent of the department. Entire cooperative course Monday, Tuesday, Thursday and Friday at 10:00 o'clock. Psychology section of the course Monday and Thursday. Assistant Professor TEACHOUT. *Two or four hours, winter term.*

119. **Psychological Literature**—This course is designed for majors and other advanced students who need and desire opportunity for extended reading on special subjects in the literature of psychology. Subjects will be chosen according to the interests and needs of the students registering. The lecture work will be upon appropriate subjects. At least one hour of each week will be devoted to reports by the students upon the reading which they have done. At least two courses in psychology as well as evidence of ability to profit by this course are pre-requisite. Tuesday, Wednesday and Thursday at 8:00 o'clock. Professor CONKLIN. *Three hours, spring term.*

Courses formerly announced in Comparative Psychology, Psychology of Music and the Psychology Seminar, have been temporarily omitted because of war conditions.

For courses in educational psychology see announcement of the Department of Education.

GRADUATE COURSES

Courses 103a, 103b, 104, 105, 106, 107, 108 and 119 are designed for advanced undergraduates or for graduate students. Where they are taken for credit toward the advanced degree, special assignments will be given.

Laboratory Fees

A laboratory fee of $2.00 per term is charged for all laboratory courses. This is to cover the cost of supplies consumed and the repair of apparatus.

Laboratory Equipment

The psychological laboratory is now well equipped for practice or for advanced work. It consists of a suite of nine rooms in McClure Hall. All of the rooms are connected by an inter-communicating system of wires and speaking tubes, so that isolation of students for delicate work is easily accomplished; all are supplied with gas, compressed air and power circuits. One of the small rooms is commodious enough for seminary and small class purposes, and another can readily be made absolutely dark for adaptation purposes. The laboratory has a considerable store of the more simple apparatus and some of the more complex pieces. Each year additions are made of the best modern construction. For demonstrational work in connection with the courses and for laboratory practice the equipment of apparatus is already good, making it possible to illustrate and reproduce the principal methods of experimental study of the sensations, attention, emotional expression, fatigue, reaction times, learning, memory, the higher intellectual processes, and mental testing.

PUBLIC SPEAKING

Professor Reddie Miss Banfield Professor Prescott

The study of the speech arts has become one of the most important factors in education for the reason that, no matter what one may know, one's knowledge is of comparatively small value to others unless one can express oneself not only intelligently, but with effectiveness and grace of manner as well.

To this end the work of this department is divided into the following sections:

(a) Voice training.
(b) Oratory and extempore speaking.
(c) Dramatic interpretation.

(a) The work in voice-training covers the anatomy of the speech-producing organs, the control of pitch, the establishment of volume, the regulation of intensity and the development and growth of quality, together with the application of these properties of sound to the enrichment of the voice as a whole.

(b) The courses in oratory and extempore speaking cover a wide range. Students are early impressed with the basic necessity of having facts, of clear and cogent thinking upon them, and of careful phrasing of ideas. They are also impressed with the necessity of knowing and realizing these other attributes of effective speaking; an analysis which fits subject-matter and treatment to the audience, and methods of proof which realize the greatest value from facts. As students begin to show a grasp of these fundamentals, the adjuncts of effective speech are gradually added.

(c) Regarding the work in the practical interpretation of the drama it is conceded that there is perhaps no branch of training in public address which is of more vital service to the individual, for it calls into action not only every phase of vocal expression, but demands an intimate acquaintance with all of the allied arts and their practical application. The person who has performed a part in a good play has not only lived literature, but is better able to teach it, and as a writer has gained an experience that he cannot afford to do without, for he has made tangible his mental images.

The department has its own theater, which is self-supporting, and which has in addition contributed largely during the past year to the Red Cross. In its cosy quarters the students engage in the making and decoration of scenery, costumes and properties, as well as engaging in the oral interpretation of plays before the public. In this way they prepare themselves for the direction, as future teachers, of high school drama, and for which work, in certain courses, two hours of credit on the required hours in education is allowed. In addition they receive thorough training for any kind of public performance involving oral expression.

The courses offered in this department are as follows:

LOWER DIVISION

1. **Public Speaking**—A foundation course in practical public speaking. The objective of this course is the training of students

to express themselves in an effective manner whenever the occasion demands, especially under emergencies in social, business or higher professional life. The emphasis, while not neglecting delivery, is especially placed on matter and rhetorical form for the effective spoken work. For illustrative purposes model speeches are studied, supplementing lectures, textbook study, and assigned readings. As much stress as possible is laid upon the actual speech practice by the students themselves. This speech practice is given in both lecture and laboratory periods. This course is recommended to those students who should not be content to remain in oblivion in community life. It is designed materially to help in qualifying for leadership, and it is the basic course in speech arts for those whose professions take them into public life. Three divisions, all open to freshmen. Professor PRESCOTT. *Three hours, each term.*

2. **Voice Culture**—Open to those who have passed Courses 1 or 6, or to such students as have done satisfactory work in either of these courses during the preceding term. Tone, color and literary analysis. Interpretation of standard literature. In this course work is given for the strengthening and development of the various properties of the speaking voice, with an especial view toward arousing color sense in interpretation. Professor REDDIE.

Four hours, winter term.

3. **Intercollegiate Debate**—Members of this class are selected by arbitrary appointment and by competitive tryouts at the beginning of the fall semester. As a rule Public Speaking 1 is prerequisite, but others who can show marked scholarship and good speaking ability are eligible. The class comprises the squad from which later in each semester representatives are selected for the various intercollegiate debating teams. The teams themselves, when finally appointed, receive intensive training in debating, but all members of the squad from the start are put into the actual work of gathering and classifying evidence, making the analysis, and using material gathered to complete the proof. The full extempore speech method is practiced at all times. A part of the work of the members of this class in the winter term is the coaching of the various intramural debating teams on the campus. Professor PRESCOTT.

Three hours, each term.

4. **Intercollegiate Oratory**—Members of the class are selected as in Course 3. From this squad the intercollegiate orators are chosen. The course is one in practical, simple, but compelling modern day oratory. The study is one of conviction and persuasion as a means to action. The fundamental basis is written composition, showing the substance of any powerful written argument, but also the rhetorical form which often must be peculiar to the effective spoken word. With this composition as a basis, laboratory practice is had for effective delivery. Courses 1 and 2 are strongly recommended as prerequisites. Professor PRESCOTT. *Two hours, each term.*

5. **Teachers' Course in Play Producing**—A course adapted to the needs of those who may be called upon to organize and produce entertainments, plays, pageants, etc., in secondary schools. Professor REDDIE. *Three hours, fall term.*

6. **Dramatic Interpretation**—First-year work. Open to freshmen or others who have not had this course. A practical course in platform manner, voice, sight-reading, interpretation of character from standard drama, gesture, makeup, scenic effects, property-manufacture and stage decoration. This course is valuable to all persons who expect ever to appear in public in any way whatever, as it covers all the fundamentals of free expression, and gives the student an opportunity to rid himself of undue reserve, timidity or nervousness before an audience. It is the pre-requisite of all further work in dramatic interpretation. Professor REDDIE and Miss BANFIELD. *Four hours, winter and spring terms.*

7. **Dramatic Interpretation**—A course in the practical study of the drama. Open to those who have had Course 6, or who, upon examination, are able to demonstrate their fitness for this course. Interpretation of modern and classic plays. Study of costume, period decoration, manners and customs; musical, lighting and color effects; stage carpentry, properties and makeup. Technique of interpretation. The members of this class, directed by instructors and fourth-year students, present one-act plays, doing the costuming, makeup and stage effects themselves. The best four of these one-act plays are given public production. Professor REDDIE and Miss BANFIELD. *Four hours, each term.*

8. **Dramatic Interpretation**—A continuation of Course 7, and open to those who have successfully passed it, or to those who, upon examination, are found capable. In the year's work plays are regularly presented in public. These involve the most careful attention to detail, and are given with all the care and organization of any formal performances. Especial attention is paid to the audience side as well, hostesses from the classes being selected, and the proper lighting and decorative effect of the auditorium studied so as to present a harmonious whole. Professor REDDIE and Miss BANFIELD. *Four hours, each term.*

UPPER DIVISION

101. **Advanced Dramatic Interpretation**—Open only to those who have made not less than the grade of "S" in Course 8. Advanced work devoted to the study and production of classical drama. Students in this course have the opportunity of directing plays produced in Course 7, also assisting in the production of the public performances. Professor REDDIE. *Four hours, each term.*

102. **The Company**—This class is an honor class, composed of students who are able to hold the grade of "H" in this work. They may be taken from any of the courses, and no discrimination is made as to class, a freshman being entitled to membership equally with upperclassmen, provided the requirements are strictly fulfilled. The number in this class is limited to twelve. Regulations governing admission furnished upon application by the department head. Professor REDDIE. *Five hours, each term.*

NOTE—In all courses in Dramatic Interpretation there is a laboratory fee of $1.50 per term, payable in advance. This fee covers makeup materials, costume rental and typewritten parts.

ROMANCE LANGUAGES AND LITERATURES

Professor CLORAN Miss GRAY Mrs. ZIMMERMAN

ROMANCE LANGUAGES

LOWER DIVISION

1. **Elementary French**—Grammar, pronunciation, composition, conversation, translation of modern French authors. Daily at 9:00 o'clock. Professor CLORAN. *Five hours, each term.*

2. **Advanced French**—Grammar, composition, conversation, translation of modern French authors. Monday, Tuesday, Thursday, Friday at 10:00 o'clock. Professor CLORAN *Four hours, each term.*

11. **Elementary Spanish**—Espinosa's Spanish grammar, composition, conversation, translation of modern authors. Daily at 8:00 o'clock and 11 o'clock. Mrs. ZIMMERMAN. *Five hours, each term.*

12. **Commercial Spanish**—Composition, conversation, translation. Monday, Tuesday, Thursday, Friday at 10:00 o'clock Mrs. ZIMMERMAN. *Four hours, each term.*

UPPER DIVISION

103. **French Literature**—Reading of French authors of the nineteenth century. History of French literature. Monday, Tuesday and Thursday at 11:00 o'clock. Professor CLORAN. *Three hours, each term.*

104. **French Literature**—Reading of French authors of the seventeenth and eighteenth centuries. Wednesday and Friday at 11:00 o'clock. Professor CLORAN. *Two hours, each term.*

105. **Advanced French**—Conversation and composition (oral and written). The principles of pronunciation. Monday, and Friday at 8:00 o'clock. Professor CLORAN. *Two hours, each term.*

113. **Spanish Literature**—Reading of nineteenth century authors. Tuesday, Wednesday and Thursday at 8:00 o'clock. *Three hours, each term.*

114. **Spanish Literature of the Seventeenth Century**—Reading of selected works of Lope de Vega, Calderon and Cervantes. Professor CLORAN. *Three hours, each term.*

115. **Advanced Spanish Composition and Conversation** (oral and written). Mrs. ZIMMERMAN. *Two hours, each term.*

120. **Elementary Italian**—Grammar, pronunciation, composition. Professor CLORAN. *Three hours, each term.*

130. **Elementary Portuguese**—Branner's Portuguese grammar. Reading of prose and poetry. Open to students who have had two years of Spanish. Professor CLORAN. *Three hours, third term.*

GRADUATE DIVISION

206. **Old French**—Reading of selected texts. Professor CLORAN. *Two hours, third term.*

220. **Advanced Italian**—The classic period of Italian literature. Readings from Dante, Boccaccio and Petrarch. Professor CLORAN. *Two hours, each term.*

223. **Dante and Tasso**—The works of Dante and Tasso in English translations. Professor CLORAN. *Two hours, each term.*

High school students who have had two years of French or Spanish are put in the second year work unless they have made very good records. Students are admitted to any of the advanced courses in French and Spanish, if they have sufficient preparation. They should consult the instructor.

RECOMMENDATIONS OF TEACHERS

Students who are planning to teach either French or Spanish should take the following courses:

FRENCH

	Catalogue No. of Course.	Term Hours.
Elementary French	1	15
Advanced French	2	12
French Literature	103	9
French Literature	104	6
French Composition	105	6

SPANISH

Elementary Spanish	11	15
Advanced Spanish	12	12
Spanish Literature	113	9
Spanish Literature	114	9
Spanish Composition	115	6

ZOOLOGY

Professor Bovard Professor Edmondson

Laboratory Assistants:

Ada Hall Dora Birchard Helen Maxham Ed. Padden

(a) **Introductory Courses** in general zoology and elementary physiology for students seeking general culture. Zoology 1a, 1b, 1c, 4 and 6.

(b) **Teachers' Courses** for those who expect to teach science in the high schools, more especially physiology. Zoology 1a, 1b, 1c, 4 and 6.

(c) **Advanced Courses in Zoology, Anatomy and Physiology** for students making zoology their major and for those in the pre-medical department.

(d) **Pre-Medical Courses**—The minimum requirements as laid down by the American Medical Association for entrance into a standard medical school are as follows: A two-year college course which shall include at least one year of physics, one year of biology, two years of chemistry and a reading knowledge of either French or German.

For entrance into the University of Oregon medical school organic chemistry is required.

The Pre-Medical Course and the Relation to Other Departments—As the two-year pre-medical course is made up largely of required science work and as the four years of medical studies are scientific altogether, it is urged that students take as much as possible of their electives in the social science and language groups. This overloading is only apparent in the minimum preparatory course of two years, for in the three or four year courses the required elementary subjects have been completed and ample time is given to take other than science and at the same time to continue training in scientific methods.

Pre-Medical Courses given at the University of Oregon—The aim of the course as outlined below is first to satisfy the requirements of the American Medical Association, and the second to give the student the very best training to fit him for his future work. It is distinctly understood the courses taken at Eugene are not a duplication of the work given in the medical school and that they are intended to give the elements on which future work will be founded.

TWO-YEAR PRE-MEDICAL COURSE

Freshman year—	Fall term Hours	Winter term Hours	Spring term Hours
Zoology 1	4	4	4
Chemistry 1	4	4	4
English Composition 1	3	3	3
German or French 1	5	5	5
Military Science	1	1	1
	17	17	17

Note—Students who make high standing in English composition may be excused from one or two terms and take electives in place of this work.

Sophomore year—	Fall term Hours	Winter term Hours	Spring term Hours
Zoology 5	4	4	..
Zoology 2	..	..	4
Chemistry 5	4	4	4
German 2 (French 2)	4	4	4
Physics	4	4	4
Elective	..	..	4
Military	1	1	1
	17	17	17

Electives: English Literature, Sociology, Economics, History, French, Political Science, Logic, Mathematics, Botany, Zoology.

Three-year Pre-Medical Course

(Leads to the B. A. degree after the completion of the first year in the medical school.)

Junior year—	Hours
Zoology (elective) 101, 102, 105	4
Psychology 1	3
Electives: Economics, Sociology, History, Bacteriology, English Literature, Scientific German, etc.	9
	16

Pre-medical courses offered in this department:

Freshman year—Zoology 1a, 1b, 1d.
Sophomore year—Zoology 2, 3, 5.
Junior year—101, 102.
Senior year—103, 105, 106.

Seven-year Combined Course

Students who finish three years of pre-medic work at the University of Oregon will be granted the A. B. degree on completion of the first year's work at the University of Oregon medical school in Portland.

LOWER DIVISION

Note—Courses in the department may be entered any term provided the student has the pre-requisites.

1a. **General Zoology; Invertebrates** — Two lectures and two laboratory periods.

The lectures will cover the general principles of zoology, the characteristics of the main groups of the animal kingdom, the life histories of some of the most important forms, and the general principles of physiology as taught by comparative zoology. The course will be repeated in the spring term if a sufficient number of students register.

Open to all students. Advised for science teachers.

Lectures, Monday and Friday at 10:00 o'clock. Laboratory in three sections: Section 1, Tuesday and Thursday at 10:00 to 12:00

o'clock; Section 2, Monday and Friday at 1:00 to 3:00 o'clock; Section 3, Tuesday and Thursday at 1:00 to 3:00 o'clock.

Quiz sections immediately following the laboratory periods, except for Section 1 which comes with Section 3. Professor BOVARD. *Four hours, fall term.*

Note—Pre-medical students should select Section 2, physical education majors Section 3, majors from other departments Section 1 or 3.

1b. **General Zoology; Vertebrates** — Two lectures and two laboratory periods. A continuation of Course 1a. Pre-requisite to all higher courses in this department. Lectures and laboratories as in Course 1a. Open to all students. Advised for science teachers. Professor BOVARD. *Four hours, winter term.*

1c. **General Zoology**—Two lectures and two laboratory periods. A continuation of Course 1b. Pre-requisites to all higher courses in the department. For all students in the general cultural courses. Advised for science teachers. Pre-medical students and physical education majors elect Course 1d.

Lectures and laboratories as in Course 1a, except that Section 2 will not be used. Professor BOVARD. *Four hours, spring term.*

1d. **Comparative Anatomy**—Two lectures and two laboratory periods. A continuation of Course 1b. A general course on the development of the vertebrate. Lectures on the anatomy and zoology of lower vertebrates, the osteology and evolution of the higher forms. The laboratory work covers the comparative study of selected types of vertebrates. This course to be selected by pre-medical students and physical education majors in place of Course 1c. Lectures and laboratories as in Course 1a. Pre-medical students should select Section 2. Professor EDMONDSON. *Four hours, spring term.*

2. **Cytology and Comparative Histology**—Three lectures and two laboratory periods. A study of the cell and of the tissues of the animal body, tissues modified into special organs, preparation of microscopical slides and special technique. Open to all students who

have had Courses 1a and 1b. Required of zoology majors. Advised for pre-medical students. Not given 1918-19. Professor BOVARD.

Five hours, spring term.

3. **Embryology**—Three lectures and two laboratory periods. A study of the development of some of the vertebrate animals, including chick and pig. Pre-requisite, Courses 1a and 1b. Required of zoology majors. Elective for pre-medical students. Professor BOVARD. *Five hours, spring term.*

4. **Field Zoology**—Two lectures and two laboratory periods. A course in which the local fauna of fresh water, field, and forest will be studied. The forms will be classified, morphological and ecological studies made, life histories followed and economic aspects emphasized. Pre-requisite, Course 1a. For general culture students, zoology majors, and science teachers. Professor EDMONDSON.

Four hours, either fall or spring term.

5. **Mammalian Anatomy**—Two lectures and two laboratory periods. A course in dissection of a typical mammal, intended for those going into medicine, or the advanced work in physiology. Advised for all zoology majors. Professor EDMONDSON.

Four hours, fall and winter terms.

6. **Elementary Physiology**—Four lectures per week. A course in the elements of physiology, designed as a general cultural course and for those who intend to teach science, especially physiology, in the high schools. The work will consist of recitations, lectures on special topics, and simple experiments. Open to all. Advised for science teachers. Professor BOVARD. *Four hours, fall term.*

7. **The Biology of the Bird**—Two lectures and one laboratory. Lectures and field work devoted to the study of the habits, classification, methods of flight, color, feeding habits, etc. Open to all students. Professor BOVARD. *Three hours, spring term.*

UPPER DIVISION

101. **Physiology**—Three lectures and two laboratory periods. Respiration, muscle, nerve, reproduction, and the nervous system. Course for students who are premedic and physical education majors and any others who have had sufficient preparation. Prerequisites, course in elementary chemistry, physics and zoology.

Courses in organic chemistry, and mammalian anatomy advised. Professor BOVARD. *Five hours, winter term.*

102. **Physiology**—Three lectures and two laboratory periods. Blood, circulation, digestion, excretion, animal heat, and dietetics. A continuation of Course 101, but may be taken separately. Prerequisites as in Course 101. Professor BOVARD.

Five hours, spring term.

103. **Bionomic Problems**—Four lectures per week. A study of the factors in organic evolution, the results of modern experimentation in genetics and the theories of heredity. Open to all students. Professor BOVARD. *Four hours, fall term.*

104. **Seminar**—Discussion of the current literature. A different subject will be taken each term. Assigned readings and reports on general topics. Prescribed for all majors in zoology. Professors BOVARD and EDMONDSON. *Two hours, each term.*

105. **Protozoology**—Two lectures and two laboratory periods. An intensive study of the protozoa, including general classification, ecology and distribution. Advised for pre-medical students in connection with studies on tropical diseases. Professor EDMONDSON.

Four hours, winter term.

106. **Research Laboratory**—Original work on some zoological problem by the student under the guidance of the instructor. Credit to be based on the character of the work. Hours to be arranged. Professors BOVARD and EDMONDSON.

107. **Marine Zoology**—Work will be carried on at the Marine Biological Laboratory at Puget Sound, Friday Harbor, Washington. The work will be done under the direction of the department of zoology of the University of Oregon. Credit will be given on the same basis as the summer school work at Eugene. Professors BOVARD and EDMONDSON.

The following courses in zoology are given at the marine station:

	Hours
Elementary Zoology	6
Ecology	6
Invertebrate Embryology	6
Research	6

Recommendation of Teachers

The following courses are required of those expecting to teach high school zoology:

	Hours
Zoology, Courses 1a, 1b and 1c	12
Elementary Physiology 6	4
Field Zoology 4	4

Equipment

The zoological laboratories are equipped with microscopes, models, and other apparatus for all the ordinary work in zoology, microscopical anatomy, and physiology, and a number of skeletons for work in comparative anatomy and human osteology. The department will endeavor to furnish special apparatus as the occasion demands.

The museum contains a fine series of birds and mammals, mounted and unmounted, to illustrate different groups; a collection of Oregon reptiles, made by J. R. Wetherbee; a series of fish, mostly salmonidae from the Columbia river, donated by the United States government; a collection of food fishes of the Oregon coast, made by B. J. Bretherton, of Newport, Oregon, and presented to the University.

Laboratory Fees in Zoology

A deposit fee is required in all the laboratory courses in this department. The fee for elementary courses is $2.00 per term, Courses 1a, 1b, 1c, 1d and 4. For all other laboratory courses the fee is $5.00 per term.

Although the apparatus loaned to the student is expensive, the fee is not intended to meet this in any measure, but to cover the cost of the materials used and the apparatus not returnable. A certain portion of the fee is returned to the student in all courses except Zoology 1a, 1b, 1c, 1d, 4 and 7, if there has been no breakage, or in case the money has not been used to buy additional materials. The usual expense to the student in the advanced courses is from $2.50 to $5.00.

SCHOOL OF ARCHITECTURE

THE FACULTY

P. L. Campbell, B. A., LL. D., Eugene.
President of the University.

Ellis Fuller Lawrence, S. M., F. A. I. A., Portland.
Dean of School.

Percy Paget Adams, B. S., Eugene.
Professor of Graphics.

Edward Hiram McAlister, M. A., Eugene.
Professor of Structures.

Alfred H. Schroff, Eugene.
Professor of Art.

Camilla Leach, Eugene.
Art Librarian.

Roswell Dosch, Eugene.
Instructor in Drawing and Modeling.

*Louis C. Rosenberg, Eugene.
Instructor in Architectural Design.

*Frederick A. Fritsch, Eugene.
Instructor in Architectural Design.
Second Term 1918.
Instructor in Architectural Design for 1918-19 to be announced later.

Esther Wuest, Portland.
In charge of Extension Work and Summer School Courses for Art Teachers.

Helen Rhodes, Portland.
In charge Summer School Courses for Art Teachers.

*On leave; in the service of his country.

LECTURERS

Each year men and women distinguished in Architecture and the Allied Arts are invited to lecture before the School. The following have lectured since 1914:

W. R. B. Willcox, F. A. I. A., Seattle.
Director American Institute of Architects.

A. E. Doyle, A. I. A., Portland.
Oregon Chapter American Institute of Architecture.

E. T. Mische, Portland.
Formerly Park Superintendent.

Folger Johnson, Portland.
Architect.

Wade Pipes, Portland.
Architect.

Charles McGonigle, Portland.
Engineer.

Mrs. Ralph Wilbur, Portland.

Henry Wentz, Portland.
Artist.

Mrs. J. C. Elliott King, Portland.

Miss Anna B. Crocker, Portland.
Curator Portland Art Museum.

Mrs. R. M. Tuttle, Portland.

A. L. Peck, Corvallis.
Professor of Landscape Architecture, Oregon Agricultural College.

Robert Strong, Portland.
Manager Corbett Estate.

GENERAL STATEMENT

The School of Architecture and Allied Arts was organized in 1914. Its scope of work covers a complete course leading to the degree of Bachelor of Architecture. Courses are also given in Art Appreciation, Civilization and Art, Normal Work in Art, City Planning, Drawing, Graphics, Design and Water Color. The school offers preparatory courses for students contemplating careers in painting, modeling, illustrating, and various forms of commercial art, and in structural design and contracting. In connection with the School of Education, it offers special courses for Art Teachers; with the Department of Journalism, courses leading to Cartooning; with the Department of Dramatics and Public Speaking, courses in Scenic Composition and Costume Designing. Cooperating with the Extension Department, courses are given in Portland in the Central Library in Drawing, Modeling, Pen and Pencil, Architectural Design, Descriptive Geometry and Graphic Statics. Courses for teachers of art are offered both in the summer school and in the Extension Division. A department of exhibitions operates in connection with the school, and special exhibits are brought to the University and to the Extension quarters in Portland. The school offers its staff for special lectures in connection with the work of the Extension Department.

FACILITIES AND EQUIPMENT

The School of Architecture and Allied Arts is housed in the new Architectural Building. It has two liberal draughting rooms very well lighted, an ample studio with a collection of casts and reproductions of architectural renderings and a large exhibition hall.

A liberal budget allowance has been made for the continued purchase of slides, and books prints and plaster casts, which should make the equipment most satisfactory for the coming year's work.

ENTRANCE REQUIREMENTS

Students majoring in Art courses are subject to the general entrance requirements of the University, while those majoring in Architecture have special entrance requirments, as described below.

ADMISSION TO THE SCHOOL OF ARCHITECTURE

Students are admitted to the freshman class on the completion of a four-year high school course, or its equivalent, requiring fifteen units of work. The term unit means the equivalent of five recitations per week, of not less than forty minutes each, in one branch of study for a school year of not less than thirty-six weeks.

No student will be admitted to the University who does not have full freshman standing. (Exceptions may be made in the case of bona fide special students.)

(a) Fixed requirements 10 units:

1. English ..... 3 units
2. Mathematics ..... 3 units
   - Algebra through quadratics.... 1½ units
   - Plane geometry ..... 1 unit
   - Solid geometry ..... ½ unit
3. History ..... 1 unit
4. Foreign language in one of the following:
   Latin, Greek, French, German or Spanish
   (French or German preferred) ..... 2 units
5. Physics ..... 1 unit

(b) Elective subjects, 5 units to be presented. These may be selected from any of the subjects for which standard high schools give credits toward graduation and may include additional work in the above required subjects.

For further information concerning entrance requirements, excess matriculation credits and special student standing, see earlier pages of this catalog.

ARCHITECTURE

The course in Architecture has been approved by the Oregon Chapter of the American Institute of Architects, and is in excess of the minimum requirements of the Association of Collegiate Schools of Architecture. Special students are admitted under the general University rules.

FEES

All students in the sophomore, junior and senior work of the Architectural course are obliged to become members of the Beaux Arts Institute of Design of New York, which calls for an annual registration fee of $2.00. The only other fees required are the regular student body tax of $8.00 and the incidental fee of $10.00, payable one-third each term, and certain laboratory fees.

PRIZES

The Oregon Chapter of the A. I. A. awards two prizes each year for proficiency in architectural design, or for the most consistent improvement. The Educational Committee of the Chapter acts as jury in this award.

In 1916 the first prize of $15.00 was awarded to Joe Tominaga and the second prize of $10.00 was awarded to Russell Collins.

In 1917 the first prize of $15.00 was awarded to Walter Church and the second prize of $10.00 was awarded to Marie Louise Allen.

BEAUX ARTS INSTITUTE OF DESIGN

The work of the Beaux Arts Institute of Design is followed wherever it does not conflict with the schedule. By this method the school is brought into direct competition with other schools of architecture and ateliers throughout the country.

JURIES

The problems given in the School of Architecture, in Design, Domestic Architecture and Research and Ornament are judged by juries of practicing architects. The following have served as jurors:

Morris H. Whitehouse, A. I. A.
Joseph Jacobberger, A. I. A.
Harry G. Beckwith
F. A. Naramore, A. I. A.
Charles Rich
Chester Hogue
A. E. Doyle, A. I. A.
Alfred Smith, A. I. A.
W. C. Knighton, A. I. A.
William G. Holford, A. I. A.
H. A. Whitney
Wade Pipes

In order that the students may be made aware of their progress, all judgments are recorded on score cards, varying with the problem. These show the values secured in Indication - Lettering - Composition - Rendering - Parti - Architectural Plan, Section and Elevation.

LANDSCAPE DESIGN

Every other year, in connection with the course in Domestic Architecture, Professor A. L. Peck of Oregon Agricultural College gives a two term course in Landscape Design.

SYNOPSIS OF THE COURSES IN ARCHITECTURE

DESIGN OPTION

Freshman Year

FALL TERM

Subject	Credits Each Term
English Composition	3
Elementary French or German (or Spanish)	5
General Physics	4
Descriptive Geometry	2
Architectural Design Elements	1
Physical Training	
Military Drill	
Total Credits	15

WINTER TERM

Advanced Algebra	4
English Composition	3
Elementary French or German (or Spanish)	5
General Physics	4
Descriptive Geometry	2
Physical Training	
Military Drill	
Total Credits	18

SPRING TERM

Subject	Credits Each Term
Plane Trigonometry . .	4
English Composition	3
Elementary French or German (or Spanish)	5
General Physics	4
Shades and Shadows	2
Physical Training	
Military Drill	

Total Credits 18

Sophomore Year

FALL TERM

General Chemistry	4
Analytical Geometry	3
Advanced French or German	4
Architectural History	1
Drawing	1
Water Color	1
Architectural Design, Elementary	3
Physical Training	
Military Drill	

Total Credits 17

WINTER TERM

Perspective	2
General Chemistry	4
Calculus	3
Architectural History	1
Research, Ornament and Style	1
Drawing	1
Water Color	1
Elective	1
Architectural Design, Elementary	3
Physical Training	
Military Drill	—

Total Credits 17

SPRING TERM

Subject	Credits Each Term
Perspective	2
Calculus	3
Architectural History	1
Research, Ornament and Style	1
Drawing	1
Water Color	1
Elective	1
Architectural Design, Elementary	4
Geology of Building Materials	3
Physical Training	
Military Drill	—

Total Credits 17

Junior Year

FALL TERM

Theory and Processes of Decorative Art	2
Elective (Civilization and Art preferred)	2
Architectural History	2
Research, Ornament and Style	1
Applied Mechanics	3
Drawing	1
Architectural Design, Intermediate	4
Domestic Architecture	1
Specifications and Working Drawings	1
Military Drill	—

Total Credits 17

WINTER AND SPRING TERMS

Theory and Processes of Decorative Art	2
Elective (Civilization and Art preferred)	2
Architectural History	2
Research, Ornament and Style	1
Applied Mechanics	3
Life Class	1
Architectural Design, Intermediate	4
Domestic Architecture	1
Specifications and Working Drawings	1
Pen and Pencil	1
Military Drill	—

Total Credits 17

Senior Year

FALL TERM

Subject	Credits Each Term
Elements of City Planning	1
Special Subjects: Heating, Ventilating, Plumbing, Acoustics, Illuminating, Color	1
Life Class	1
Pen and Pencil	1
Modeling	1
Architectural Design	7
Building Material and Constructive Types	1
Constructive Design	2
Graphic Statics	1
Military Drill	—.
Total Credits	16

WINTER AND SPRING TERMS

Elements of City Planning	1
Special Subjects: Sanitary Science and Public Health	1
Ethics and Business Relations (The Architect's Office, Client, Contractor, Contracts-Law)	1
Life Class	1
Cartoons for Mural and Stained Glass	1
Modeling	1
Architectural Design	7
Constructive Design	2
Graphic Statics	1
Military Drill	—
Total Credits	16

Note—Three hours of drawing required for one credit value.

STRUCTURAL OPTION

The schedule for this option will be ready for announcement the opening term of the school year 1918-19. The course will include Elementary Surveying, Structural Design, Management and Salesmanship, and will be arranged in two divisions, one specializing for those intending to become Structural Designers, and the other for those intending to take up Architecture or the selling of building materials.

COURSE IN ART APPRECIATION

The purpose of this department is to encourage the student to feel an interest in art in its many forms. Not only are the fine arts considered, but especial attention is given to the minor arts, as there should be no fine line of definition between the two, they being so related that one both supports and supplements the other.

The student is led to relate the arts, one to another, and especially to architecture, and to develop an independent judgment for his enjoyment of them. To this end lectures are given—work assigned to be executed with the hands—and special exhibitions arranged. Not only is the student encouraged to recognize art wherever he may find it, but to feel that he is himself an artist if he does his work with purpose and pleasure.

The hand work done by the students is generally of their own selection, and covers many subjects, quite a number working out the problems of design and color in the arrangement and furnishing of their own rooms, or the planning, planting and caring for their own yards and gardens.

Work in this department is open to all students of the University, whether majoring in the School of Architecture and Arts or not.

COURSE FOR ART TEACHERS

This course is designed to qualify students for teaching art, especially in the high schools. The following subjects are recommended:

Freshman Year

Course for Art Teachers.....3 credits each term
- Design, Elementary
- Applied Lettering
- Representation
- Object, Nature
- Color, Theory

Instrumental Drawing.....2 credits each term
- Geometrical
- Perspective
- Constructive
- Lettering
- Working Drawings

Total 5 credits each term

SOPHOMORE YEAR

Courses for Art Teachers.....4 credits each term
- Design
- Pictorial Representation
- Color—Water Color
- Drawing—Cast and Life

History of Civilization and Art Epochs.....3 credits each term

Total 7 credits each term

JUNIOR YEAR

Courses for Art Teachers.....6 credits each term
- Design—Applied
- Picture Study
- Pictorial Representation
- Drawing—Life
- Pen and Pencil
  - Composition
  - Values
  - Technique
- Color—Water Color—Oil

History of Civilization and Art Epochs.....2 credits each term

Total 8 credits each term

SENIOR YEAR

Course for Art Teachers.....8 credits each term
- Applied Design
- Pictorial Representation
- Pedagogy
- Practice Teaching
- Drawing—Life
- Composition
- Modeling

Art Appreciation.....2 credits each term

Total 10 credits each term

SCENIC COMPOSITION

The course in Scenic Composition is intended to give the aesthetic principles involved in stage craft. Students contemplating taking this work, should take the general art courses offered by the School of Architecture and Allied Arts, including Drawing, Graphics and Design.

EXTENSION WORK

In connection with the Extension Division of the University, the School of Architecture and Allied Arts, through the courtesy of the Library Board of Multnomah County, carries on classes in Portland in Architectural Design, Pen and Pencil, Drawing, Modeling, and Descriptive Geometry. A course in Graphical Statics and Elementary Structures has been given members of the Carpenters' Union and others. Special courses for art teachers are also offered. Lectures are supplied to communities desiring talks on architecture, art and city planning. Cooperating with the Educational Committee of the Oregon Chapter of the American Institute of Architects, and the Art Division of the Portland Women's Club, courses of lectures have been arranged dealing with the Great Historical Phases of Architecture, and with special subjects, such as Domestic Architecture, Schoolroom Design, Art Training in the Public Schools, Fire Protection, The Architect and the Investor, Excess Condemnation, City Planning etc.

EXHIBITIONS

The following exhibitions have been held during the past two years:

Loan exhibit from Portland architects; collection of student work from the Massachusetts Institute of Technology; of art work done in the public schools of Portland under the direction of Miss Esther Wuest; of contemporary American oil painters; examples of the work of Henry Wentz of Portland; of Alfred Schroff of Boston; of the teaching staff of the school; of interior decoration and domestic architecture; of lithographs; etchings; block prints; modeling; design and color in textiles and in nature,

especially in birds, butterflies and flowers; of printing; of bookbinding; photography; work in metal and leather; gardening; weaving; needlework; bookplates; posters and examples of art found in advertising; the collection of flower painting by Mrs. Albert R. Sweetser; birds and animal pictures by Bruce Horsfall; work of the Portland Art Museum; Oregon artists; circuits from the American Federation of Arts.

The students have designed an entrance courtyard to the Architectural Building which, when built, will house a permanent exhibit of building materials and of objects of art, suitable for garden display.

DESCRIPTION OF COURSES

1. **Architectural Design**—Elements, orders and rendering. Professors LAWRENCE and ADAMS and Mr..... Freshman subject.

One hour, fall term.

2, 3 and 4. **Architectural Design**—Elementary. Based upon the schedule of work outlined by the Beaux Arts Society as far as possible. Throughout the year. Professor LAWRENCE and Mr..... Sophomore subject.

Three hours, fall and winter terms; four hours, spring term.

17, 18 and 19. ***Architectural History**—Throughout the year. Egyptian, Assyrian, Persian, Grecian, Roman and Byzantine. Lectures, sketches taken from screen and research. Professor LAWRENCE. Sophomore subject. *One hour, each term.*

26, 27 and 28. **Research and Ornament**—The history of the styles. Drawing. Professor LAWRENCE and Mr.....

One hour, each term.

105, 106, 107. **Architectural Design**—Intermediate, throughout the year. Professor LAWRENCE and Mr..... Junior subject.

Four hours, each term.

108, 109, 110. **Architectural Design**—Throughout the year. Professor LAWRENCE and Mr..... Senior subject.

Seven hours, each term.

111, 112.* **Domestic Architecture**—Site, landscaping exterior, plan. Professor LAWRENCE and special lecturers. Lectures and drawing. Junior subject. *One hour, fall and winter terms.*

113. *__Domestic Architecture__—Details, interior decoration, furniture. Professor Lawrence and special lecturers. Lectures and drawing. Junior subject. *One hour, spring term.*

114, 115, 116. *__Domestic Architecture__—Specifications and working drawings. Throughout the year. Professors ADAMS and LAWRENCE. Lectures and drawing. Junior subject.
One hour, each term.

117. *__Domestic Architecture__—Course for advanced students. Throughout the year. Professor LAWRENCE. Lectures and drawing.
Three hours, each term.

120, 121, 122. *__Architectural History__—Throughout the year. Romanesque, Gothic and Renaissance and Modern. Lectures, sketches from screen and research. Professor LAWRENCE. Junior subject. *Two hours, each term.*

123, 124, 125. *__Elements of City Planning__—Throughout the year. Lectures, research and drawing. Professor LAWRENCE. Senior subject. *One hour, each term.*

129. __Ethics and Business Relations__—Lectures. Senior subject. Professor LAWRENCE, Professor MORTON and others.
One hour, winter term.

GRAPHICS

30, 31 and 32. *__Descriptive Geometry__—Lectures and drawing. Professor ADAMS. Freshman subject. *Two hours, each term.*

33. *__Shades and Shadows__—Lectures and drawing. Professor ADAMS. Freshman subject. *Two hours, spring term.*

34. *__Perspective__—Lectures and Drawing. Professor ADAMS. Sophomore subject. *Two hours, winter and spring terms.*

35, 36 and 37. __Mechanical Drawing__—Throughout the year. A course in Projections, Isometric Drawing, Developments, Intersection, Tracing, etc. Professor ADAMS. Freshman subject.
Two hours, each term.

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*These courses are open to University students not majoring in Architecture.

38 and 39. **Lettering**— Professor ADAMS.
Two hours, winter and spring terms.

40, 41 and 42. **Graphic Statics**—Lectures and Drawing. Professor ADAMS. *One or two hours, each term.*

44, 45 and 46. **Instrumental Drawing**—Lectures and drawing for Art Teachers. ProfessorADAMS. *Two hours, each term.*

DRAWING

50, 51 and 52. ***Drawing**—Sophomore subject. Professor SCHROFF and Mr. DOSCH. *One hour, each term.*

52, 53 and 54. ***Water Color**—Throughout the year. Professor SCHROFF. Sophomore subject. *One hour, each term.*

64, 65 and 66. ***Modeling**—Throughout the year. Mr. DOSCH. *One hour, each term.*

155. ***Drawing**—Professor SCHROFF and Mr. DOSCH. Junior subject. *One hour, fall term.*

156, 157. ***Life Class**—Throughout the year. Professor SCHROFF and Mr. DOSCH. *One hour, each term.*

158, 159, 160. ***Life Class**—Throughout the year. Professor SCHROFF and Mr. DOSCH. *One hour, each term.*

161, 162, 163. ***Pen and Pencil**—Throughout the year. Mr. ..... Junior and Senior subject.

167, 168, 169. ***Modeling**—Throughout the year. Mr. DOSCH. *One hour, each term.*

170, 171. ***Cartoons for Mural and Stained Glass**—Senior subject. Professor SCHROFF. *One hour, winter and spring terms.*

Note:- Art students may take all periods, if desired, each year.

CONSTRUCTION

180. ***Special Subjects** — Heating, Ventilating, Plumbing, Acoustics, Illumination and Color. Lectures, Professor BOYNTON, Professor CASWELL and special lecturers. Senior subject. *One hour, fall term.*

181, 182. ***Special Subjects**—Sanitary Science and Public Health. Lectures. Professor SWEETSER and special lecturers. Senior subject. *One hour, winter and spring terms.*

*These courses are open to students not majoring in Architecture.

183. ***Building Materials and Construction Types** — Professor McALISTER. Lectures. Senior subject. *One hour, fall term.*

184, 185, 186. **Applied Mechanics**—Throughout the year. Professor McALISTER. *Three hours, each term.*

187, 188, 189. **Constructive Design**—Throughout the year. Lectures and drawing. Professor McALISTER.. *Junior subject. Two hours, each term.*

ART

1, 2 and 3. ***Theoretical Design**— Lectures and drawing. Mr. DOSCH. Freshman subject. *One hour, each term.*

4, 5 and 6 ***Course for Art Teachers**—Throughout the year. Professor SCHROFF, Miss.... *Three hours, each term.*

7, 8 and 9. ***Course for Art Teachers**—Throughout the year. Professor SCHROFF, Miss.... and Mr. DOSCH. *Four hours, each term.*

16, 17 and 18. **History of Civilization and Art**—Throughout the year. Professor SCHROFF. Lectures. *Three hours, each term.*

25, 26 and 27. **Technique of the Artist**—Throughout the year. Mr. DOSCH. *One hour, each term.*

28, 29 and 30. **Art Appreciation**—Throughout the year. Professor LAWRENCE, Professor SCHROFF, Miss.... and Mr. DOSCH. Lectures. *Two hours, each term.*
Laboratory—*One hour, each term*

110, 111, 112. **Course for Art Teachers**—Throughout the year. Professor SCHROFF, Miss...., Mr. DOSCH and Mr..... *Six hours, each term.*

113, 114, 115. **Course for Art Teachers**—Throughout the year. Professor Schroff, Miss ..... and Mr. Dosch. *Eight hours, each term.*

119, 120, 121. **History of Civilization and Art**—Throughout the year. Professor SCHROFF. Lectures. *Two hours, each term.*

122, 123, 124. **Theory and Processes of Decorative Art**—Throughout the year. Professor SCHROFF. *Two hours, each term.*

*These courses are open to University students not majoring in Architecture.

SCHOOL OF COMMERCE

FACULTY

P. L. Campbell, B. A., LL. D., President.

D. Walter Morton, M. A., C. P. A., Dean of the School of Commerce. and Professor of Commerce.

J. Hugh Jackson, B. A., Professor of Commerce.

C. C. Jeremiah, B. C. S., Professor of Commerce.

Allan C. Hopkins, B. C., Instructor in Commerce.

Shad O. Krantz, Instructor in Commerce.

First Year

English	English
Modern Language or Chemistry	Modern Language or Chemistry
Economic History	Industrial History
Economic Geography	Economic Geography
College Algebra	Mathematics of Investment
Elective	Elective

Second Year

Principles of Economics	Principles of Economics
Modern Language or Business Law	Modern Language or Business Law
Accounting Principles	Accounting Principles
Psychology	Psychology
Business English	Business English
Elective	Elective

Third Year

(All electives)

Business Organization and Management.	Employment and Executive Management
Cost Accounting	Foreign Commerce
Foreign Commerce	Accounting Systems
Salesmanship	Sales Management
Life Insurance	Life Insurance
Practical Exporting	Practical Exporting
Credits and Collections	Purchasing

FOURTH YEAR
(All electives)

Auditing	C. P. A. Problems
Domestic Commerce	Domestic Commerce
Exchange Brokerage	Fire Insurance
Fire Insurance	Exchange Brokerage
Practical Banking	Advertising
Municipal Accounting	Investments
Public Utility Accounting	Lumber Accounting

PROFESSIONAL COURSES IN COMMERCE AND INDUSTRY

1. **Accounting Principles**—This course is required of all majors in Commerce. A knowledge of the elementary principles of bookkeeping is required, and only a very limited time is spent in bookkeeping review. The course includes a study of the classification of accounts, opening and closing entries, the theory underlying the various books of original entry and the general and subsidiary ledgers, the making of revenue statements, a study of stocks and bonds, the accounting principles involved in handling the accounts of a corporation, the theories regarding depreciation and reserves and the balance sheet and its interpretation. The student is required to work out a set of accounts for the review of bookkeeping principles. In connection with the later study in the subject, various problems illustrating the principles of accounting theory studied are worked out.

2. **Institutional Accounting**—This course takes up accounting methods employed in state institutions, such as hospitals, prisons and charitable institutions.

3. **Lumber Accounting**—Lumber accounting includes a study of the classification of lumber accounts, distribution of overhead expense for lumber manufacturing plants, lumber operating, shipping accounts, etc.

4. **Municipal and Public Utility Accounting**—The aim of this course is to give practical training in every phase of municipal and public utility accounting and reporting. Considerable attention will be given to budget making. Other topics discussed are

purchase records and methods, payrolls, stores control, expense analysis and municipal costs. The double entry system of bookkeeping, as applied to municipal accounts, is illustrated and explained. The classification of accounts for the various public utility enterprises is studied in detail. The prerequisite for this course is Principles of Accounting, or its equivalent.

5. **Cost Accounting**—This course begins with a study of the theory of cost accounting, including the various methods of distributing overhead expense, devising the forms necessary to obtain the cost data, the relation between the cost books and the general books and the reasons therefor, and a study of the various cost-finding systems, product, process, departmental, etc. The laboratory work in connection with the course includes the working out of a set of cost accounts for a business, so as to illustrate in practice the theory studied in the earlier part of the course.

6. **System Building**—A study of the accounting systems of large and small businesses; the writing of the accounting procedure for installing accounting systems; methods of controlling general and branch store systems; general office and factory cost systems; the designing and drafting of the necessary forms, etc.

7. **Solutions of C. P. A. Problems**—This course includes a study of the solutions of the various types of problems which have been set by the C. P. A. examiners of the different states in which there are C. P. A. laws in existence. The course includes solutions of problems involving a knowledge of partnership, executor's accounts, corporations, revenue accounts, fire insurance accounts, real estate accounts, manufacturing cost accounts, mergers, liquidations and realizations, etc.

8. **Auditing**—A study is made of the methods and procedure in connection with detailed, continuous and balance sheet audits. The methods of procedure in audits of various kinds of businesses are discussed. The student is asked to make an audit of some actual business in which he is interested. Every effort is made to make the course practical by supplying actual conditions for a required audit.

9. **Business Organization and Management**—This course deals with the organization of business enterprises; the characteristics and relative advantages of individual proprietorship, partnership or corporation; the principles of organization and management as applied to each function of a business enterprise, such as salesmanship and selling methods, advertising, credits and collections, handling orders, billing systems, traffic and shipping, etc. The organization and work of industrial and commercial associations.

10. **Salesmanship**—This course deals with the general principles of salesmanship, the relation between the salesman and the customer, the approach to the customer, the presentation of the product, closing the sale, following up the sale, etc. Each student is required to select some product to which he shall give a special study. A sales talk about this special product must be written and then given to the class. A prize for excellence in salesmanship is available for 1918-19. This prize was offered by the Oregon Life Insurance Company.

11. **Sales Management**—The object of this course is to give the student an opportunity to study the characteristics, work and methods of the sales manager. The student will be required to plan sales campaigns, efficiency tests for salesmen and to write copy for a house organ, etc.

12. **Practical Banking**—The actual work of a bank is the basis for this study. The duties of the officers, tellers, clerks, and heads of the various departments are taken up in detail. The forms used and the methods for determining the credit rating of prospective borrowers are discussed, and all forms are actually shown to the student. The course is concluded by working out a set of bank accounts, illustrating the actual work and accounts of a small national bank, including the problems which face the officers and cashier, relative to reserve requirements, investment of surplus funds, reconciliation of accounts between correspondent banks, distributing the balance of the undivided profits accounts as dividends and reserves, reports to the comptroller of the currency, etc. Prerequisite: Money and Banking.

13. **Methods of Commercial Teaching**—The content of the commercial course, the year in which the various subjects should be introduced, the methods of presenting commercial subjects, including demonstration practice work, are all treated in this course. Prerequisite: 15 hours in Education.

14. **Employment and Executive Management**—In this course an attempt is made to apply the principles of psychology and sociology to business management. It deals first with the qualities of an executive, and second, with the means employed by an executive to motivate his organization and the reaction of his coworkers upon him. It includes a study of the employment manager, the methods employed in selecting employes, in hiring, training, holding and promoting, so as to develop a high grade business organization. The text used is Gowin's "The Executive, His Control of Men."

15. **Marketing Methods**—This course includes discussions of the various marketing methods, including the trade factors and trade channels, retail selling, mail order selling, chain stores, the place of the jobber, national advertising, and manufacturers' campaigns and the methods of conducting them.

16. **Statistics**—This is an elementary course designed to give the students a practical knowledge of the elements of statistical methods. How to gather, present and interpret statistical data, averages, index numbers, and principles of correlation and variation are studied.

17. **Office Management**—How to organize an office force; duties of the management and clerks; getting out and filing correspondence; efficiency methods and tests, etc.

18. **Business Law**—A course designed to cover the principles of law, relating to the transactions which are today common to commercial and financial enterprises. An effort has been made to include those subjects which will be of a practical value to the business man, rather than those which appeal particularly to the student of law. This course is given under the direction of the School of Law.

19. **Domestic Commerce**—In this course an effort has been made to present to the student the history, development and present status of our inland transportation facilities. Particular emphasis will be placed upon the factors influencing the building of canals and the improvement of inland water ways; the character of the traffic, its importance, and the relations and connections existing between inland carriers, railroads and ocean carriers; a study of the government's policy as regards river and harbor improvements. In addition, considerable time is devoted to the discussion of the present and potential influences of the Panama Canal upon internal transportation. The text used in this course is Johnson's "Ocean and Inland Transportation."

20. **Foreign Commerce**—This course aims to carry the study of domestic commerce into the field of international intercourse. It is especially desired, therefore, that the student first complete the course in domestic commerce before attempting to pursue this work. The course includes a study of:

Purposes and operations of commercial treaties between nations; the geographic, economic and social causes of commercial changes in foreign trade; the study of the attitudes of different governments with regard to ship subsidies, subventions, etc.; direct and indirect methods of assisting shipping; international payments and balance of trade; factors influencing the establishment of trade routes; tariff influences. Particular study of the Latin-American countries is made—geographical features and a knowledge of the resources, etc. Extensive outside reading is required in the Daily Commerce reports, Trade and Commercial Bulletins issued by various governments, and the publications of the Bureau of Latin American Republics. The text used is "Selling Latin American," Aughinbaugh.

21. **Life Insurance**—The purpose of this course is to acquaint the student with the practical, as well as the theoretical principles of the various phases of life insurance. It aims to give a practical knowledge of the functions and personal and business uses of life insurance. Included are the following subjects of which study is made:

Early history of insurance; development and extension of the principles of insurance; simple mathematics of insurance; the various policies; disability insurance; group insurance; state insurance; legal interpretations of contracts, assignments, etc., and the general, federal and state status relating to life insurance companies, and fraternal societies.

22. **Fire Insurance**—As in the course of life insurance, an effort is made to present both the practical and theoretical aspects of fire insurance. In addition to the fire insurance, a study is made of property, title, credit and marine insurance. Special emphasis is placed upon the study of the legal phases of the organization, management, etc., of companies, according to Oregon practice.

23. **Practical Exporting**—Recent international developements have opened a way for vast expansion of the foreign trade of the United States. In order to fit the student for participation in the extended activities of the international commerce, this course offers the fundamental of export practice. In it are included, foreign exchange practice, methods of entering markets, foreign customs, tariffs, international banking facilities and practice, shipping technique (including marine insurance), governmental policies as to combinations in foreign trade, and foreign commercial associations whose functions are to facilitate and foster foreign trade. Extended outside reading will be required. Sophomore standing is a pre-requisite.

24. **Field Work in Manufacturing Industries**—A course designed to prepare students to engage in the various manufacturing pursuits of government field service. Methods of manufacturing some of Oregon's products are observed in the plants themselves. Systems of management are studied, including the buying, manufacturing and disposition of the product, together with methods of financing the operations. Particular attention is paid to surveys and industries of the resources of Oregon, relating to the product, the study of whose manufacture is being made. The students are required to make personal surveys, submit reports, and plans of plants, tracing the product throughout the plant. Extended outside reading is required.

25. **Exchanges and Brokerage**—This course deals with the organization and functions of stock and produce exchanges, domestic and foreign; future contracts on the stock and produce exchanges and Board of Trade; a study of all the legal aspects, connected with the receipt and execution of contracts for purchase or sale on the exchanges; collection and dissemination of market news; deliveries on the exchanges; marketing of securities; settlements, by banks and brokers, of exchange transactions; arbitrating, foreign and domestic; brokering and listing of stocks and bonds of all kinds; conversion and all phases of the brokerage business. Open only to Junior, Seniors and graduates.

26. **General Advertising**—The basis of this course is the textbook of Tipper, Hollingsworth, Hotchkiss and Parsons. The advertisement is studied from the standpoint of language, the makeup of the advertisement, the type and color background, etc. Emphasis is laid on advertising composition and the work is made practical, by having the class write advertisements for events which occur during the University year. The students are also asked to map out advertising campaigns for products in which they are interested.

27. **Credits and Collections**—The aim of this course is to cover all the duties and obligations devolving upon the credit department. It covers the organization of a credit office, the qualifications of a credit man, sources of credit information, adjustment bureaus, collections, bankruptcy legislation, and the economics of the credit system. It aims to train persons for occupying the position of credit manager.

SCHOOL OF EDUCATION

FACULTY

P. L. Campbell, B. A., LL. D., President of the University of Oregon.

H. D. Sheldon, Ph. D., Dean of Education.

B. W. DeBusk, Ph. D., Educational Psychology.

C. A. Gregory, M. A., School Administration.

F. L. Stetson, M. A., School Administration.

A. N. French, M. A., Secondary Education.

Giles M. Ruch, A. B., University High School.

Margaret B. Goodall, A. B., University High School.

Callie Beck, A. B., University High School.

ORGANIZATION

The School of Education of the University of Oregon was authorized by the Board of Regents in February, 1910. The general purpose of the school is to organize and correlate all the forces of the University which have for their ultimate aim the growth of educational efficiency in the State of Oregon. This work is done through the effective grouping of courses for teachers in the regular college curriculum, through the Summer School, the Correspondence School, and through investigation of questions of importance to the State and publication of results in bulletin form. The new Education Building, designed for the School of Education, gives commodious and well fitted quarters for the school.

OPPORTUNITIES FOR SPECIALIZING

The School of Education, by means of the professional training offered in the various departments of education and the academic instruction given in the respective University departments, is prepared to train the following classes of teachers:

(1.) Superintendents, principals, supervisors and teachers for administrative work.

(2.) Teachers for departmental work in a Senior high school

(3.) Teachers for departmental work in a Junior high school.

(4.) Special supervisors in Music, Art, Physical Training, Athletic Sports, Public Speaking and Commerce.

(5.) Teachers for Normal Schools and Colleges.

(6.) Teachers who are interested in defective and subnormal children and delinquents.

(7.) Those who are interested in physical and mental measurements and tests as specialists in large cities.

For a more detailed synopsis of these courses, see under "Courses of Instruction" elsewhere in this bulletin.

THE UNIVERSITY HIGH SCHOOL

The University High School is the laboratory for research work in education. It is housed in the Education Building where it is most convenient for students in education. Here students may have an opportunity of observing the successful application of methods of teaching and may acquire, under supervision, such skill as will lead to the actual work of the school. Model lessons are given by the supervisors in charge so that those who are preparing to teach may have illustrations to guide them in the applications of the principles underlying education. Lesson plans are worked out and supervised teaching is done. Much of the teaching is done by the problematic or project method. Those unique problems of discipline and organization are carefully worked out. The physical equipment is modern and ample to take care of the needs of the school. The laboratories are especially well equipped and wide use is made of the apparatus. Student activities are encouraged and much may be learned from the methods employed. Mental and physical tests and measurements are made from time to time and a careful record is kept of the results in the various tests.

LIBRARY FACILITIES AND MUSEUMS

Library

The University library now contains in excess of 70,000 volumes and is rapidly growing. For research work in education the library offers, by far, the best opportunities of any library in the state.

It is open every day except Sunday from 7:45 A. M. to 10 P. M. Books not found in the library dealing with any special problem, which a student may be interested in, will be ordered as far as possible. All the current magazines and periodicals are found in the general reading room.

Museums

The Geological Museum contains thousands of specimens of vertebrate fossils from the John Day Valley, invertebrate specimens, Paleo-botanical specimens, a display and type collection of minerals, Oregon economic minerals, type collection of rocks, an ethnological collection of tools and implements used by early man and many other interesting specimens.

The Botanical Museum consists of a number of collections known as the Howell collection, the Leiberg collection, the Cusick collection, and the Edmund P. Sheldon collection. These collections approximate 35,000 specimens.

THE APPOINTMENT BUREAU

The University maintains an Appointment Bureau to aid its graduates and alumni to find those positions for which their academic and professional training has fitted them. The fee is one dollar, payable but once. The Bureau keeps in touch with the Boards of Education and Superintendents desiring teachers and strives to put the right teacher in the right place. The Bureau does not assist teachers who are not University of Oregon graduates, but concentrates all its energies in the service of its own graduates. A great many more calls for superintendents, principals and departmental teachers come to this Bureau than we are able to fill, and the number of calls is increasing each year. The recommendation of the Bureau will be limited to candidates who have taken courses as prescribed by the School of Education.

DEGREES

Bachelor of Arts or Science

The degree, Bachelor of Arts, or Bachelor of Science, is conferred upon students of the School of Education who have secured 180

hours of college credits, exclusive of six hours required in physical training and including work required by the major professor.

Master of Arts or Science

The degree Master of Arts or Master of Science is conferred upon those students who have received the Bachelor's degree from this institution or from some other college or university of approved standing. The Graduate School of Education is a department of the Graduate School of Arts and Sciences, and as such it offers opportunity for graduate study to those who have done their major work in Education.

The advanced courses in Education aim to meet the needs of three classes of students: First, those who are preparing to give courses in the history and principles of Education in colleges or normal schools; second, those who are preparing to become supervisors and administrators in various types of schools; third, students in various departments of the University, who, in addition to the course in the major subject matter which they intend to teach, wish to become acquainted with the principles underlying all educational organization and method. The last mentioned class of students may take Education as a minor subject. Graduate students who have had no courses in Education, but wish to complete the fifteen semester hours required for the State certificate, should register in the undergraduate course.

CERTIFICATES OF GRADUATION

Graduates from the School of Education are entitled to teaching certificates as provided in the following Oregon school law:

Certificates shall be issued to graduates from standard colleges or universities who have completed one hundred and twenty (120) semester hours (180 term hours) including fifteen (15) semester hours in education as follows:

1. One-year State certificates shall be issued without examination, upon application, to such graduates of standard colleges and universities, authorizing them to teach only in the high schools of this State.

2. The holder of a one-year State certificate, issued in accordance with the provisions of this section shall, after six months' successful teaching experience in this State and upon the recommendation of the county superintendent of the county in which the applicant last taught, receive, without examination, a five-year State certificate authorizing him to teach only in the high schools of this State.

3. The holder of a five-year State certificate issued in accordance with the provisions of this section shall, after thirty months' successful teaching experience in this State and upon the recommendation of the county superintendent of the county in which the applicant last taught, receive, without examination, a State life certificate authorizing him to teach only in the high schools of this State.

4. The holder of a one-year State certificate, or a five-year State certificate, or a life certificate, secured in accordance with the provisions of this section, is hereby authorized to act as city superintendent of schools of any city.

Fees are as follows, payable to the State Superintendent of Public Instruction:

One-year certificate $1.00
Five-year certificate (after six months' teaching) 2.00

COURSES OF INSTRUCTION

Course of Study for High School Teachers

Students expecting to teach in the high school should take Education 101 and 102, 103 or 104, 105. Observation and practice teaching, two or three courses in Group V (special methods), and one or two of the departmental academic courses listed below:

Courses Required by Departments

The following list of the courses of study necessary to equip teachers in the different high school subjects represents the irreducible minimum which the department in question considers necessary to insure superior teaching. Under the ordinary conditions no

student will be recommended for a position in a department of a high school who has not carried successfully in his college course all the work outlined. Exceptions may be made of small high schools where the candidate must of necessity teach a large variety of subjects. In schools of this class, where the faculty is limited to three teachers or less, students will be recommended upon the successful completion of shorter courses in the subject to be taught. In foreign languages, students, to secure recommendations, must have taken at least four years' work, of which two years must have been completed in a college or university.

It is advisable for students to fit themeselves for teaching more than one subject. When the demand for teachers in the different subjects fluctuate from year to year, there is at present a particularly strong demand for men capable of teaching one department and acting as physical director. Ability to supervise music, athletics, or public speaking, adds materially to the chances of securing a first-class position. Various combinations of subjects are asked for, but the majority of calls are for teachers of two or more adjacent subjects as arranged in the following groups: German, Latin, English, History, Civics, Mathematics, Science (i. e. Physics, Biology, Physiology, Chemistry, Physiography), Manual Training, Commercial Subjects.

The courses agreed upon by the various departments as requisite for a teacher's recommendation in a high school are as follows. Each student upon graduation should be in a position to teach one major and two minors. The present list is made to fit the requirements for minors:

Latin

Six years of work in the subject is required, or at least two years beyond the four years offered in the secondary schools. Fifth year Latin includes such standard authors as Cicero's De Senectute, Vergil's Eclogues, a play of Plautus, Horace's Odes, Sallust's Jugurtha, selections from Catullus and Tibullus. Sixth year, Horace's Satires and Epistles, a book of Livy, Ovid's Tristia, a play of Terrence, selections from Pliny and Martial.

German

Four years' consecutive work, including:

Elementary German.
Advanced German.
German Classical Drama.
And either German Fiction and Contemporary Literature or the Nineteenth Century Novel in addition to the teaching of German.

French

Elementary French.
Advanced French.
History of French Literature in Seventeenth Century.
History of French Literature in Eighteenth and Nineteenth Centuries.
French Conversation.

Spanish

Advanced Spanish.
Elementary Spanish.
Classical Spanish.

English Language, Composition and Literature

English Composition.
American Literature.
English Literature (Fresh.)
Wordsworth.
Shakespeare (one semester).
Teaching of English.
Teachers' Course in Public Speaking.
Teachers' Course in Dramatic Interpretation.

History

Greece and Rome.
Middle Ages.
Renaissance and Reformation.
Industrial History of Europe.
Modern European History.

History of England.
Early American History.
Later American History.

Mathematics

Advanced Algebra and Plane Trigonometry.
Analytic Geometry and Calculus.
Theory of Equations and Determinants.
Teaching of Mathematics.
History of Mathematics.

Geology

For teachers of Physical Geography and Introductory Science:
General Geology.
Physiography.

Physics

General Physics.
History and Teaching of Physics.
Physical Technics.

Chemistry

General Chemistry.
Analytical Chemistry.
Organic Chemistry.
Teachers' Course.

Botany

General Botany.
Systematic Botany.
Pedagogy of Botany.

Zoology

General Zoology.
Elementary Physiology.
General Zoology.

The Department of Education recommends the following courses to students preparing for high school positions:

Sophomore Year—History of Education (Course 102); Principles of Education (Course 101). Psychology is also advisable, but does not count as Education.

Junior Year—Educational Psychology (Course 3); Secondary Education (Course 5); Observation of Teaching (Course 7).

Senior Year—Practice Teaching (Course 12), four or five hours.

ADMISSION TO THE SCHOOL OF EDUCATION

The requirements for admision to the School of Education are the same as those for admission to the College of Literature, Science, and the Arts, viz: Fifteen units, representing completion of a four years' high school course. Persons more than twenty years of age and properly qualified may enter the University as special students without complying with the above requirement, but no such student may be a candidate for a degree or University teacher's certificate until all entrance deficiencies are made up.

NORMAL SCHOOL CREDIT

The School of Education will grant two years of advanced standing to those students who are graduates of the Oregon State Normal School, providing that before entering the normal school such students were graduates of standard high schools and completed the subjects required by the University for entrance.

WORK MAY BE SUBSTITUTED

Advanced work in Education may be substituted for the two years foreign language requirement for those who wish to take the degree Bachelor of Science in Education. Students making this substitution earn a B. S. in Education instead of an A. B. degree.

Plan of Educational Courses

The advanced work in Education is arranged in cycles. So long as a quarter plan is in vogue the cycle for advanced work in

graduate study will extend over a period of three quarters or one full year's work. The courses are so arranged that the hours do not conflict, thus affording a wide range of courses for those who wish to do advanced work. The first cycle deals primarily with the administrative side of education. It is designed for superintendents and principals and for those who will devote a large part of their time to the problems of supervision and administration. The fall term will take up the subject of school administration proper. The winter term will deal with Statistical Methods in Education, followed in the spring term by the Organization of Common School Curricula.

The second cycle of courses deals with the psychological and hygienic phases of education. (Educational Hygiene in the fall, Exceptional Children winter term, and Mental and Physical Tests and Diagnostic Methods the spring term.)

The third cycle deals with social aspects of education and consists of History of American Education, Modern Social Problems in Education and Educational Sociology.

Coordinate with these courses are the courses in practical application of the various principles of education. Here the practical phases are especially emphasized. The work is done in observation classes and classes in supervised teaching. Six hours of work in education, including a course in observation, is a prerequisite to practice teaching.

Through the courtesy of Superintendent W. R. Rutherford and the Board of Education of the City of Eugene, much additional work of a practical nature is done in the city schools.

Course For Art Supervisors

The following schedule of courses offered by the School of Architecture and Allied Arts is recommended for students contemplating training as Art Teachers or Supervisors.

FRESHMAN YEAR

Course for Art Teachers	**3 credits each term**
Design—Elementary—Applied Lettering	1 credit
Representation—Object—Nature	1 credit
Color—Theory	1 credit

Instrumental Drawing — **2 credits each term**

Perspective, Geometrical ..... 1 credit

Working Drawings, Constructive Lettering ..... 1 credit

5 credits each term

SOPHOMORE YEAR

Course for Art Teachers — **4 credits each term**

- Design ..... 1 credit
- Pictorial Representation ..... 1 credit
- Color—Water Color ..... 1 credit
- Drawing—Cast and Life ..... 1 credit

History of Civilization and Art Epochs — **3 credits each term**
(Including Historic Ornament)

7 credits each term

JUNIOR YEAR

Course for Art Teachers — **6 credits each term**

- Design—Applied ..... 1 credit
- Picture study ..... 1 credit
- Pictorial Representation ..... 1 credit
- Drawing—Life ..... 1 credit
- Pen and Pencil Composition—Values—Technique.... 1 credit
- Color—Water color—Oil ..... 1 credit

History of Civilization and Art Epochs — **2 credits each term**

8 credits each term

SENIOR YEAR

Course for Art Teachers — **8 credits each term**

- Applied Design ..... 2 credits
- Pictorial Representation ..... 1 credit
- Pedagogy ..... 1 credit
- Practice Teaching ..... 1 credit
- Drawing—Life ..... 1 credit
- Modeling ..... 1 credit
- Composition ..... 1 credit

Art Appreciation — **2 credits each term**

10 credits each term

Special Course for Teachers of Physical Education

FRESHMAN YEAR

Zoology four hours and, if not presented for entrance, Physics three hours.

SOPHOMORE YEAR

Chemistry four hours, Psychology three hours, and two terms of Human Anatomy—Applied and Visceral—four hours.

JUNIOR YEAR

Autumn	Hrs.	Winter	Hrs.	Spring	Hrs.
Kinesiology	5	Physiology	5	Theory of Physical Education	3
Technique of Teaching	1	Normal Instruction	1	Playground Supervision	3
Principles of Education	3	Observation of Teaching	3	Gymnastics	1
Playground Supervision	3	Playground Supervision	3	Sports	½
Gymnastics	1	Gymnastics	1	Physiology	5
Dancing	½	Dancing	½	Normal Instruction	1

SENIOR YEAR

Autumn	Hrs.	Winter	Hrs.	Spring	Hrs.
Corrective Gymnastics	3	Corrective Gymnastics	3	Anthropometry & Phys. Diagnosis	3
Theory of Physical Education	2	Theory of Physical Education	2	Emergencies and Bandaging	2
Teaching	2-3	Eugenics	2	Teaching	2-3
Gymnastics and Sports	1½	Teaching	2-3	Gymnastics and Sports	1½
		Gymnastics and Sports	1½		

Special Course For Music Teachers

The Public School Music Department offers a Supervisor's course in grade and high school music. The first requisite is musicianship. The student-teacher then receives a thorough and sysematic training in the application of music, from the first grade through the high school. She is required to teach two terms, and an opportunity is provided in the Eugene City Schools.

Our aim is to train teachers in such a way that they may give children good music in the most practical way and teach them to love it. A teacher who accomplishes this must appreciate all that

she wishes to convey, and therefore the prerequisites of this course would include the ability to play the choruses she expects to teach and a knowledge of the constructional side of music. She must also be trained in vocal so that she can properly care for the young voices in her charge. She must know how to avail herself of all the musical helps within reach, such as the possibilities of the talking machine, the most desirable publications, and the people who are authorities in the musical world. The School of Music offers courses in all musical lines, and the Public School Music Department purposes to apply this knowledge to school needs.

N. B. In addition to the practice teaching (at present at least two terms) the work in education should be that which you prefer. The courses were chosen because of precedent, but I should be pleased to have you select what you think best.

The following are the minimum requirements for a certificate:

Ability to read and play moderately difficult choruses or accompaniments.

Two years' instruction in singing.

The elements of Musical Science, three terms.

Analysis of Music, two terms.

Musical History, three terms.

Sight Singing, three terms.

Public School Methods.

History of Education.

Principles of Education.

Choir Experience.

Practice Teaching and Directing—This is afforded by the versity High School, the Eugene Public Schools and the sight singing class. Professor EVANS. *Two hours, entire year.*

12. **Public School Methods**— This course aims to show how musical knowledge is adapted to the needs of the public school. The following and other points will be taken up:

Ways of arousing and holding interest.

Calls and scale songs for the unification of voices.

Development of the sense of pitch and rhythm through rote singing.

Phrasing and interpretation.

The various systems of music books and manuals used as texts.
The use of "do, re, mi" as "something to teach."
Direct presentation.
Practice in directing chorus work.
Use of the Victrola.
Professor ANNETT. *Three hours, throughout the year.*

13. **Sight Singing**—For the purpose of identification, the name "Sight Singing" has been retained, though it gives little clew to the character of the work done. A better name would be "The Practical Reading of Music." We do not read a language by laboriously picking out individual letters—meaning comes from combinations. We read a word—sometimes a sentence. The analogy is evident. We do not read individual notes. Musical meaning comes from combinations of tones. We read the symbols for a chord, figure or a motive, possible a phrase. For this reason it must be evident that the system of reading by the "do, re, mi" method is absolutely discarded. However comforting such a system may be to the musically unequipped who must have "something to teach," it is inimical to the thought processes of the real musician and has no rightful place in any scheme of musical education. A pamphlet, "Shall We Have Music or Do, Re, Mi?" going into the details of the question, will be sent upon receipt of postage. Professor LANDSBURY. *One hour, throughout the year.*

1. **The Elements of Musical Science**—A general course in the history, construction and treatment of harmonic forms. Work is done by means of letters and recitations, and throughout the course great stress is laid upon the development of the ear. The first term deals with such topics as terminology, major and minor scales, intervals, major and minor triads, inversions—especially the "six-four" chord—general theory of harmonic progression, etc. The second term will be devoted largely to the study of dissonant combinations—especially seventh and ninth chords—open positions, etc. Modulation forms the basis of the third term work. A thorough study will be made of foreign tones, contrapuntal chords, the augmented chords, enharmonic equivalents, modern scales and harmonizations, etc. The course aims to show that music is an experience rather than a clever collection of symbols. Professor LANDSBURY.
Three hours, throughout the year.

2. **Contrapuntal Analysis**—A study of the structural basis of the strict style in general and the inventions and earlier fugues of J. S. Bach in particular. Primarily a study of motive development. Professor LANDSBURY. *Three hours, one term.*

3. **Formal Analysis**—A study of the Musical Architecture of the free style, the career of the motive as influenced by the phrase, period and form, the song forms, developed ternary form, etc. The sonatas of Haydn, Mozart, Beethoven, Schumann and Brahms will be used as texts. This is a very practical course for those wishing to know the basis of interpretation. Professor LANDSBURY. *Three hours, one term.*

10. **History and Appreciation of Music**—A course of lectures, together with supplementary research work, dealing with the evolution of music; its relation to the other arts and sciences, and its place in a liberal education. A considerable part of the time will be devoted to the problem of intelligent listening. This course is recommended to those who wish to increase their capacity for understanding and enjoyment of muscial literature and who are desirous of knowing upon what grounds and in what measure a musical work is to be judged. Throughout the course the Victrola will be liberally used for illustration. Professor EVANS. *Two hours, entire year.*

SPECIAL COURSES FOR DIRECTOR OF ATHLETICS

For men who desire the ability of training athletic teams in connection with high school teaching. The course includes (1) an introduction to the sciences underlying physical activity; (2) a practical study of personal hygiene, first aid to the injured and prescriptive exercise; (3) a detailed study of the theory, rules and methods of coaching each of the high school athletic sports, supplemented by practical work on the field, and (4) a professional study of educational theory and practice.

The following courses are offered:

Personal Hygiene, one hour, both semesters.

Theory and Coaching of High School Sports, two hours both semesters.

The courses will be open to juniors and seniors who are prospective teachers. Successful completion of these courses will entitle students to a recommendation as Director of High School Sports.

SCHOOL OF JOURNALISM

FACULTY

P. L. Campbell, LL. D., President of the University.

Eric W. Allen, A. B., Dean and Professor of Journalism.

George Turnbull, A. B., Professor of Journalism.

W. F. G. Thacher, M. A., Professor of English, Instructor in Advertising.

M. H. Parsons, M. A., Professor of English, Instructor in Criticism.

E. W. Hope, Ph. D., Dean of School of Law, Instructor in Law of the Press.

Robert C. Hall, Assistant Professor of Journalism, Superintendent of University Press.

Erma L. Huff, Secretary to the Dean.

M. H. Douglass, M. A., Librarian.

A. R. Tiffany, A. B., Registrar.

The purpose of the School of Journalism is to prepare students to enter, upon graduation, into the various occupations that have to do with the editing and publication of newspapers and magazines. In establishing the Department of Journalism in 1912, the University had several objectives in view. In the first place it was felt that the press and public alike would benefit if it were made possible for young men and women to obtain such a training in journalism that they should be able to exercise their best abilities in their profession soon after graduation without a long and painful process of "breaking in." This would result in supplying the press with a better educated personnel, one which would be available for responsible work earlier in the individual career, and which would from the very beginning have some conception of the splendid possibilities of the profession. For the student, this type of education offers the opportunity to obtain in general University courses the broad knowledge and understanding so necessary to the rightly qualified journalist, without losing touch for four years with the practicalities

of the profession. Furthermore, since the business and profession of journalism has reached its present high state of specialization, it is no longer possible for the young man or woman through any form of apprenticeship to acquire a familiarity with more than a few of its numerous branches. This appears perhaps to the beginner to be only a slight handicap, but the course of promotion takes the journalist out of his specialty and places him in a position where he has supervision over several specialties. It is, then, in after years rather than at the very beginning, that he will realize to the full the value of the breadth of preparation such as is now obtainable through University instruction and not under present conditions procurable by way of apprenticeship in shop, office or editorial room.

University trained journalists, experience has demonstrated, find little difficulty in forming desirable newspaper connections promptly upon graduation. The preference which once existed among editors and publishers for employes who had worked up in the office and shop from office boy or printer's devil has almost entirely disappeared.. The University School of Journalism each year receives more applications from newspapers for qualified reporters and advertising solicitors than it is able to satisfy. University trained journalists in all parts of the country are proving the value of their training by advancing rapidly in their chosen profession.

EQUIPMENT

The equipment of the Oregon School of Journalism surpasses that of all but two or three similar institutions in the world in the completeness of its laboratory facilities and opportunities for practical experience in a wide range of Journalistic specialties. The University Press, as organized at Oregon, is a department of the School of Journalism, and one of its principal purposes is to furnish students free and full opportunity to familiarize themselves with the mechanical and business basis upon which their profession rests. It is in connection with this department that the student learns the methods and economies of the business office, press room and composing room, and gains that confidence in his grasp of the underlying conditions of the business which it is hoped will enable him in the future to be a newspaper owner rather than a perpetual employe.

The University Press has a large Number 7 Optimus cylinder press driven by electricity, a large Chandler & Price job press, the latest Number 19 Mergenthaler linotype, and other equipment of the same scale of excellence.

In his senior year the student himself becomes actually a publisher. The school provides for the issuance by its most advanced class of two regular publications, one weekly news sheet and one monthly magazine, which furnish the opportunity for practical contact with a wide range of editorial problems.

In addition there are several publications controlled by the students of the University and usually both edited and managed by students in journalism. The most important of these are the student newspaper, the Emerald, and the Oregana, which is a large cloth-bound annual furnishing varied experience in book publication.

Numerous other publications are constantly passing through the shops of the University Press, and the student comes into contact with this work at many points in connection with his various courses.

For writing and editing work, the School of Journalism has a special small building fitted up like a newspaper office, plentifully supplied with typewriters, copy desk, private offices and "morgue" material.

The school of Journalism subscribes to leading newspapers from all parts of the United States and has an unusually complete list of exchanges among the newspapers of Oregon. These newspapers come to the students' work room or "local room" and are available for all purposes in connection with the courses.

HONORARY SOCIETIES

The two leading journalistic honorary fraternities maintain chapters at the Oregon School of Journalism. Sigma Delta Chi, for men, and Theta Sigma Phi, for women, elect to membership such students of the School of Journalism as maintain an adequate standard of achievement in journalistic work and earn and retain the respect and confidence of their fellow students. Alumni membership in these societies is becoming a valued association among newspaper men and women.

BROAD TRAINING REQUIRED

Professional work in Journalism should form an integral part of a sound and well-balanced general collegiate course of four years' duration. In no profession is breadth of knowledge and variety of training more needed than in Journalism.

The professional courses in Journalism are scheduled for the third and fourth years of the course, and the student in arranging his schedule should plan to devote half to two thirds of his time in those years to strictly professional work, devoting the first and second years to the fundamentals of a general education.

Until the end of the war, however, students will be allowed to take professional subjects earlier in their courses where previous preparation appears to have been sufficient.

COURSES

An attempt has been made to combine the large number of journalism courses heretofore given into a smaller number of continuous and compact courses. For the benefit of students who have already taken part of these courses, and students entering from other universities, the elements of the courses are listed separately and may be taken in such a way as not to duplicate previous work, but apart from such special cases, all courses listed under a single number should be taken as a single course.

1. Group of Courses Known as "Freshman Journalism"

1. **Pre-Journalism English**—Intensive work in the choice of words and the framing of sentences, paragraphs, news articles and other types of literary production, with special attention to punctuation, typographical directions, and the requirements of newspaper style. Three hours a week, three terms. Mr. Thacher. Tuesday, Wednesday and Thursday at 8. This course is combined with:

1. **Elementary Newswriting and News Gathering**—Includes fundamentals of general reporting, interviewing, news analysis, note taking, together with a study of news sources and lectures upon the modern newspaper. Two hours a week, three terms. Mr. Allen. Monday and Friday at 8 o'clock.

103. Group of Courses Known as "Office and Shop"

103. **Typography**—The study of type and its uses. Includes nomenclature, classification, measurement, adaptation to distinctive uses, relative economies, and esthetic principles, together with a study of its historic development. Two hours a week, Fall term. Mr Allen. Wednesday and Friday at 9 o'clock. Combined with:

103. **Proofreading**—Includes both book and newspaper proof correction. A study of hand-set, linotype and monotype proofs and their peculiarities. The tracing of all types of errors in proof to their characteristic causes. All forms of correction, together with a criticism of printer's adaptation of type and format to idea and purpose. One hour a week, Two terms (Fall and spring). Mr. Turnbull. Monday at 9 o'clock. Combined with:

103. **Printing Materials**—Printing presses: varied uses and advantages and disadvantages of different designs. Paper: the different grades and kinds studied with reference to their appropriate employment. Paper measurement, weights and sizes. Ink. Typesetting machines. Trimmers, stitchers, folders, cutters and other printing machinery. One hour a week, Winter term. Mr. Allen and Mr. Hall. Wednesday at 9 o'clock. Combined with:

103. **Country Journalism**—All departments of newspaper work from the point of view of the country weekly. Includes reporting, editing, financing, shop management, circulation, advertising, and the handling of the country correspondence and agricultural news. analysis of the "field" of the country weekly. Two hours a week, Winter Term. Monday and Friday at 9. Combined with:

103. **Cost Accounting**—The Standard system of cost accounting for printers, with special reference to the small newspaper shop. Lectures, exercises, and practical laboratory in shop of the University Press, which belongs to the School of Journalism as its laboratory. One hour a week, spring term. Mr. Allen. Wednesday at 9 o'clock. Combined with:

103. **Illustrative Processes**—Typographical division for colors, wood cuts, zinc and copper etching, photoengraving, stereotyping

and electrotyping. One hour a week, spring term. Mr. Allen. Friday at 9 o'clock. Combined with:

103. **Printshop Laboratory**—Actual work in printshop under careful instruction. All kinds of work handled sufficiently to give the student familiarity wth printshop methods and problems. (This element of course may be taken separately by students in Education expecting to establish or to be connected with High School printing laboratories.) One afternoon a week, three terms. Mr Hall. Monday, 1 to 3 o'clock.

102. Group of Courses Known as "News"

102. **Advanced Newswriting**—Designed to carry a step further the training given in the elementary course. The student is developed toward professional standards, to the point where his news stories can be published in the daily papers with a minimum of editing. News sense is cultivated and a critical appreciation of news values stimulated. The student is encouraged to develop his "nose for news" by seeking "news tips" for which credit is given when reported to instructor, who acts as a "city editor" for his class of reporters. Three news assignments weekly are given each student, and all are prepared with a view to probable publication in some of the available University, town and state papers. Types of newswriting in leading newspapers of the country are studied. Methods of handling typical difficulties in newsgetting are considered. Three terms. Monday, Wednesday and Friday at 8 o'clock. Mr. Turnbull. This course is combined with:

102. **Copyreading**—This is the critical part of the course, as the Advanced Newswriting is its constructive portion. The class works around a typical newspaper copy desk, where the members handle all the copy designed for publication in the student paper, editing it, correcting and revising any errors of fact, style and treatment. Here also is available for practice work the full report of the United Press leased wire. All matter edited is fitted with headings by the students. Headwriting is an important part of the course. The purpose of the copyreading work is to develop the critical observation, as well as to increase the student's facility for quick emendation of

what is erroneous or otherwise faulty. The copy reading is given at six periods of two hours each during the week, and the student has his choice of any three of these: Monday, Wednesday and Friday, 4 to 6 P. M.; Tuesday, Thursday and Saturday, 10 to 12 A. M. Five hours a week, three terms. Mr. TURNBULL.

104. GROUP OF COURSES KNOWN AS "EDITORIAL".

104. **Practical Editing**—Gathering material, selecting, rejecting, reediting, heading, supervising make-up, and writing news and editorial where necessary. Class edits and actually prints a weekly News Bulletin which circulates throughout Oregon; a monthly magazine, Oregon Exchanges, which is widely read by newspapermen. and other publications from time to time. Combined with:

104. **Exchanges**—The study of contemporary newspapers. One term on Oregon publications and one term on United States and Foreign. Includes a general study of contemporary Journalism. Combined with:

104. **History of Journalism**—One term on beginning of Journalism in Europe together with a study of earlier methods of disseminating public information. Two terms on American Journalism. Combined with:

104. **Journalistic Ethics.**—A consideration of the place of Journalism in society and of its power for good and evil. An attempt to discover permanent principles of right action. Discussions of timely events in contemporary journalistic world and newspaper policies therein exemplified. Combined with:

104. **Editorial Writing**—Theory and practice. Combined with:

104. **Newspaper Problems**—A careful watch is kept on current happenings in the journalistic world, and an effort is made to analyze cause and effects, frequently through correspondence with the editors and publishers concerned. The above course, including all elements numbered 104 is given five times a week for three terms in the senior year. Mr. ALLEN.

105. **Law of the Press**—Law of libel, blackmail, literary property including copyright, privileged communications, federal regulations and other phases of law bearing on the Press. Hours to be announced. Dr. HOPE.

106. **Advertising**—Complete course in theory and practice. Definitions; psychology of advertising; consideration of media; determining how much to spend. Preparation of copy; consideration of returns. Examples of advertising that pulls, with an analysis of the principles, psychological and typographical, of the pulling power. Practice will be given in the preparation of copy designed for appeal to different classes of readers. Principles of display, including illustration and color, will be discussed. Textbook: "Advertising, Its Principles and Practice," by Tipper, Hotchkiss, Hollingsworth and Parsons. Mr. THACHER. *Two hours, three trems.*

109. **Estimating on Printing Jobs**—Elective for seniors who expect to work in smaller cities. Prerequisite, courses numbered 103. Hours to be arranged. Mr. HALL.

108. **Current Events**—One hour a week, spring term, Thursday at 9 o'clock. Mr. ALLEN.

110. **Business Management Laboratory**—One hour a week, winter and spring terms. Hours to be arranged. Mr. ALLEN and Mr. HALL.

111. **Printshop Laboratory**—Advanced work, a continuation of certain sections of 103 for the benefit of students expecting to manage job printing establishments. Hours to be arranged. Mr. HALL.

171. **Criticism**—This course is advised for juniors majoring in Journalism. It will afford practice in the writing of musical, dramatic, art and literary criticism. Thursday at 2 o'clock. Mrs. PARSONS. *Three terms.*

107 b & c. **Home Economics Journalism**—This course is intended to equip Household Arts students as contributors to newspapers and magazines. Prerequisites: Journalism 2 and not less than fifteen credits in Household Arts. With parallel courses as advised after conference. Professor TINGLE, Professor ALLEN. Tuesday and Friday at 10 o'clock. *Two hours, winter and spring term.*

SCHOOL OF LAW

THE FACULTY

P. L. Campbell, A. B., LL. D., President.

Edward William Hope, Ph. D., Dean and Professor of Law.

James Duff Barnett, Ph. D., Professor of Law.

Ralph Scott Hamilton, LL. B., Professor of Law.

Robert Patterson Reeder, LL. M., Professor of Law.

E. R. Bryson, of the Lane County Bar, Lecturer on Oregon Practice and Procedure.

REQUIREMENTS FOR ADMISSION

Applicants for admission to the first year class must be at least nineteen; to the second year class, twenty, and to the third year class, twenty-one years of age. Special students must have qualifications to be stated hereafter. Every applicant for admission, whether as a regular or as a special or a partial student, must present a certificate of character. This may be in the form of a certificate of graduation, or of honorable dismissal from the school with which the applicant was last connected, or, in the case of special students who cannot present these, in the form of a general letter as to character.

Students who have completed two years of college work with a satisfactory selection of subjects are admitted to the school of law as regular students, and candidates for the degree of bachelor of laws upon satisfactory completion of the full three years' law course. Those who have had full three full years of pre-legal collegiate work may receive the degree of bachelor of arts upon completion of the first year of law studies, and the degree of doctor of law on the completion of the full law course. Students who have already earned the degree of bachelor of arts before beginning their law course, may, on its completion, receive the degree of doctor of law (J. D.) Persons of mature age may be admitted as special students, and upon completion of the three years' course, if they have maintained a certain high standard of scholarship, may receive the degree of bachelor of laws.

For a full description of all law courses see the law school catalogue.

PRESENT-DAY IMPORTANCE OF A LEGAL TRAINING

As the year 1918 begins, it finds us with our minds wholly absorbed in the war and its winning. This is right and proper. But let us not wholly forget that after all war, however huge and engulfing, is a temporary thing, and that we shall all of us have the tremendous task awaiting us when the war is over of reconstructing our national life and fitting it into a changed world. Great changes are certain to take place in our economic, political, moral and social ideas, and these new ideas must necessarily create new laws. More certain it is now than ever it was that our law will have to be re-written in large part, in order that it may embrace our expanding life. In certain fields of the law change actual or imminent is already to be seen. International law must be rebuilt to subserve the rightful interests of all nations. Law must replace arms, reason expel force. In the confederation of nations, national law will find its complement in the law of all nations. Private International Law, which regulates the dealings between private individuals of different foreign states, and is known also as the Conflict of Laws, will also suffer great change and development in the fierce competition for the markets of the world, and the increased intercourse and exchange of persons and goods. America is now and will become more and more a "world state." Our laws must be harmonized somewhat with the laws of other nations whose trade and friendship we desire. Their laws must be studied and understood, that we may make this contact.

In our own country changes are being wrought over night. Old prejudices fall before present needs. The laws against combinations, the belief in competition, are brushed aside to make room for government regulation. Co-operation is winning over competition in the most advanced countries. The law will change to meet the new conditions. Legitimate business must be freed from all that is obsolete, cumbrous, unduly expensive and obstructive in the law. The relations of capital and labor must be ordered by just laws rather than by clashes of force. In the

interest of production, to gain and hold new markets, to keep abreast of other nations, the state will take a larger hand in these disputes. The law relating to labor unions has changed much and will change far more.

The "woman movement" and the great changes in the economic condition of women have induced much change in the law of marriage and divorce. Women will demand—and should have—many more rights than have been accorded them hitherto. A determination on their part to know the law and help make it is seen in the increasing number of law schools for women, and their growing attendance in schools usually filled by men. Women will enter the legal profession more freely in the future.

In these and other fields of the law the old order is passing. The need and the opportunities for trained legal minds will be great and pressing. The world's life must be safely guided into new channels. Lawyers can best do this by recasting in the minds of legislatures and the public old legal doctrines in the light of present and future needs.

THE QUARTERS OF THE LAW SCHOOL

During the month of November, 1916, the Law School moved into the commodious quarters awarded to it on the third floor of in the new Educational Building, of which it occupies about two thirds of the floor space. This space is divided into three comfortable recitation rooms, well lighted and ventilated; the stack-room of the Law Library, where the students study in the midst of the books; and the five offices of the Law Faculty, all opening into the stack-room. The arrangements are extremely convenient, offering to all ease and quickness of reference to the books, and a quiet retreat where law students may read the law without interruption or distraction of any kind. The whole building is steam heated and modern in every respect.

DIRECTIONS TO CANDIDATES FOR ADMISSION

Before applying for admission to the Law School, the candidate is required to present to the Dean of the Law School the Registrar's receipt for the payment of the term fee. It is essential, therefore, that a candidate for admission should apply first to the

Registrar, register his name as a student in the Law School, and then pay his fees to the Treasurer. He is then entitled to apply for admission, and, in case of rejection, the money paid will be refunded by the Treasurer.

WHEN STUDENTS MUST ENTER

Students may enter at the beginning of any term, but for students not entering upon advanced standing, a full three years of residence is required to complete the course. **In any case students are expected to enroll at the opening of the session. Those who enter late necessarily lose much of the work, and absences at that time are treated like other absences in reducing the number of hours of credit that may be earned. In no event can students who present themselves more than a month after the opening of any session be permitted to work for credit toward graduation during that session.**

Candidates for advanced standing must present themselves for examination one week before the opening of the Law School.

ADMISSION AS CANDIDATES FOR A DEGREE

Graduates of approved universities or colleges and students who, in addition to an academic or high school course of four years, have completed two full years (sixty semester hours) of work in an approved university or college, are admitted to the Law School as candidates for the degree. The Law School does not require any particular subjects to be selected during the necessary two years of college work, but it **earnestly recommends** that the subjects specified in the Pre-Legal Curriculum (hereinafter set forth) be pursued. Work of high school or academic grade taken during the college year will not be accepted as meeting the requirements of a college year. College courses in which there are unremoved conditions or other deficiencies will not be accepted.

In all cases the applicant should present to the Dean of the Law School, before the time of application, evidence that he comes within some one of the classes named. This, in the case of a university or college graduate, should be in the form of a certificate of graduation; in the case of other applicants, in the

form of a certificate showing in detail the conditions of admission and the university or college work accomplished, and including an honorable dismissal signed by the proper authority.

In any case all preparatory work must be completed before entering upon law study, and no collegiate work whatever may be taken thereafter by regular students except by special permission of the Dean of the Law School.

TWO-YEAR COURSE

(Preliminary to the study of Law.)

It is a noticeable tendency of the times to require a more thorough preparation for all the professions. In none is this tendency more marked than the profession of Law. Therefore, every student who expects to enter this department is urgently recommended to secure as thorough a collegiate course as his circumstances will permit. A two-year course of studies, termed the Pre-Legal Curriculum, has been arranged for those who cannot take the full collegiate course in preparation for their professional work in law. Its purpose is to concentrate and thus conserve the student's energies by directing his efforts into fields which, while affording most valuable cultural results, will at the same time, it is thought, best prepare his mind to deal effectively with the law as student and practitioner. To this end the following course is suggested by the University under the direction of the Law School:

PRE-LEGAL CURRICULUM

First Year—

English Composition	6 hours
History (English and American)	6 hours
Chemistry	6 hours
Mathematics	6 hours
Latin (beginners' course)	8 hours
Elementary Law (**required** of all law students	3 hours
Economics	4 hours
Physical Training	

Second Year—

Latin	4 hours
Physics	6 hours
American Government	3 hours
Psychology	3 hours
French or German	8 hours
Economics	6 hours
History of Philosophy	6 hours
Logic	2 hours
Rhetoric	3 hours
Public Speaking	2 hours
Physical Training	

A selection from the above subjects should be made to the extent of at least sixteen term hours. Eighteen hours may be taken if the grades obtained warrant this privilege.

If, after completing this two-year course, the student desires further preparation in liberal arts before beginning his professional studies, he may either continue through the regular courses of the junior or senior years of the College of Arts and Sciences, or after adding another year to the Two-Year Pre-Legal Course now completed, he may enter the combined six year course in Arts and Law, with the aim of obtaining his collegiate and law degrees in six years, thus shortening by one year a period of study usually covering seven. For this third year's work the student should take additional courses in History, Natural Science, Philosophy, Political Science, Economics or Sociology, and English Literature.

COMBINED SIX-YEAR COURSE IN ARTS AND LAW

This combined course is open only to students who have maintained a uniformly good record for scholarship during the first three years of Arts and Sciences.

The student is enrolled in the College of Arts and Sciences during the first three years. If at the end of three years he has a uniformly good record for scholarship, and has earned in addition to the credits gained in the Pre-Legal Curriculum enough more to bring his total number of credits up to one hundred and

forty-four, he may at the beginning of his fourth year enter the Law School forthwith for the first year's work in Law. From that time on he must devote his entire time and attention to the study of the law, and in this first year of law study he must earn at least thirty-six term hours to apply on his A. B. degree, thus making the one hundred and eighty credits required for the A. B. degree. This degree will be granted upon the satisfactory completion of the first year subjects in Law.

DEGREES

The Degree of Bachelor of Laws—

Students who have successfully completed the Two-Year Pre-Legal Curriculum of this University, or an equivalent two years of general culture study in this or another institution of recognized collegiate rank, and who have successfully completed courses in law aggregating one hundred and thirteen credits (the equivalent of three full years of professional study of law), and who have otherwise satisfied the requirements of the University and of the Law School, will be granted the degree Bachelor of Laws (LL.B.).

Special students who have maintained over the full three years of their law course at this school an average mark of S, and who by reason of exceptional ability and character are, in the opinion of the Law Faculty, deserving of this honor, may be granted the degree of Bachelor of Laws.

The Degree of Doctor of Law—

The degree of Doctor of Law (J. D.) will be granted to students who have received the degree of Bachelor of Arts, or its equivalent, from this University, or from some other institution of recognized collegiate rank, and who have satisfactorily completed courses in law aggregating one hundred and thirteen credits (the equivalent of three full years of professional study of law), and who have otherwise satisfied the requirements of the University and of the Law School. Since one year of law study may be counted toward the degree of Bachelor of Arts, the requirements for the degree of Doctor of Law may be satisfied by the successful completion of the Combined Six-Year Course in Arts and Law.

ADMISSION OF SPECIAL STUDENTS

Persons of mature age, but whose preliminary training has not been sufficiently extensive to satisfy the requirements for admission as regular students may, in some cases, be admitted as special students. Applicants for admission under this rule must submit to the Dean recommendations as to character and evidence of the possession of general education, maturity, experience, and exceptional ability that may be considered a fair equivalent of the formal preliminary requirements made in the case of regular students.

No one should present himself for admission as a special student until he has first received from the Dean assurance that his application has been favorably acted upon. Special students will be required to pursue and complete the courses to which they are admitted with the same thoroughness as regular students. Certificates will be given to special students who have been in residence for a year, stating the subjects pursued and the standings attained. As to eligibility of special students for law degrees, see under "Degrees."

ADMISSION OF PARTIAL STUDENTS

Persons who have been enrolled for at least one year in some school or department of the University other than the Law School and have earned therein at least forty-five credits, and who desire to study law as a preparation for business, not intending to practice law, and not being candidates for a law degree, may pursue in the Law School, without payment of fees, not to exceed two law courses a term.

ADMISSION TO ADVANCED STANDING

Admission to advanced standing is either upon examination or certificate from a law school of standard grade. Persons who have the necessary qualifications for admission to the Law School, and who have satisfactorily completed work in an approved law school, may, upon presentation of a certificate of scholarship and of honorable dismissal from such school, become candidates for advanced standing in this Law School to the extent of the work

so completed. The certificate should show the nature of the work, the time it was pursued, the text or case books used and the grades received. Under similar conditions attorneys at law in good and regular standing from any state in which an adequate examination for admission to the bar is required may apply for one year's advanced standing (upon examination) in the Law School.

All candidates for advanced standing should secure the above-mentioned certificates of preparatory work and of legal study and send them to the Dean of the Law School before presenting themselves for admission.

THE QUARTER SYSTEM

Beginning with the fall of 1917-18, the University changed from its former plan of dividing the year's work into halves or semesters, and adopted a three term system. This plan is followed by the Law School. The terms are known as the fall, winter, and spring terms, beginning respectively in 1918-19 on October 1, January 2, and April 1. Each term lasts for eleven or twelve weeks, and three terms constitute an academic year.

It is much better for beginning first-year regular students to enter at the beginning of the fall term than at any other time, for the reason that some of the most important courses begin then and continue through the following term. It would be disadvantageous or impracticable to begin in the middle of such courses. There are always some courses, however, that begin at the opening of the winter and spring terms. The same objections do not usually apply in the case of students admitted to advanced standing.

TUITION AND FEES

The tuition for all regular and special students shall be ten dollars a term. This is in addition to the annual registration fee of ten dollars, and the annual student body fee of eight dollars. All fees are payable in advance. Students permitted to register late are required to pay the full charge for tuition for the term in which they register, and in addition the fines levied in such cases by the College of Arts and Sciences.

For any deficiency examination or deferred examination a fee of five dollars for each course in which such examination is granted shall be charged, payable in each case before the examination is held.

There shall be a graduation or diploma fee of ten dollars payable to the Treasurer of the University at least twenty-five days prior to the date of graduation.

COURSES OF INSTRUCTION

The courses of instruction are arranged to present, as far as possible, the fundamental topics of the law during the first year, and the more specialized subjects during the second and third years.

FIRST YEAR

All first year courses are open to freshmen.

1. **Contracts.** Formation of simple contracts; mutual assent; consideration; formation of contracts under seal; delivery; consideration. Parties affected by contracts; contracts for the benefit of third persons; assignment of contracts; joint obligations. The Statute of Frauds; contracts within the statute; guarantees, agreements in consideration of marriage, agreements not to be performed within a year, contracts for the sale of goods; satisfaction of the Statute. Performance of contracts: express conditions, conditions precedent and subsequent; implied conditions and effect of plaintiff's failure to perform his promise; impossibility. Illegal contracts: contracts in restraint of trade; wagers and gaming contracts; contracts obstructing the administration of justice; contracts tending to corruption. Discharge of contracts: parol agreement to discharge; novation; release; accord and satisfaction; arbitration and award; surrender and cancellation; alteration; merger. Williston, Cases on Contracts (two vols.). Professor HOPE.

Five hours, fall and winter terms.

2. **Criminal Law and Procedure.** Nature of crime; sources of criminal law; mental element in crime; intent and motive; parties in crime; crime as an act; attempts; specific crimes; crimes against the person; crimes against the dwelling house; felonious intent; jurisdiction. Beale, Cases on Criminal Law (2d ed.). Professor HAMILTON.

Five hours, winter term.

3. **Torts.** Trespass to person, to real property, and to personal property; excuse for trespass; conversion; legal cause; negligence; contributory and imputed negligence; plaintiff's illegal conduct as a defense; duties of land owners; hazardous occupations; liability for animals; deceit; defamation, slander, libel, privilege, malice; malicious prosecution, criminal and civil; interference with social and business relations, including breaches of duty, fair and unfair competition, strikes, boycotts, business combinations. Ames and Smith, Cases on Torts (ed. 1909-1910.). Professor BARNETT.

Four hours, fall and winter terms.

4. **Property 1.** Distinction between real and personal property; acquisition of rights in personal property; gifts; bailments; liens; pledges. Real property; tenures; estates; seisin and conveyance; incidents of ownership in real property; fixtures; easements; covenants as to use; public rights; franchises; rents. Gray, Cases on Property, vols. 1, 2 (2d ed.). Professor HAMILTON.

Four and three hours, fall and winter terms.

5 **Common Law Pleading.** This course consists of a general survey of the principles of common law pleading with special emphasis upon the demurrer, confession and avoidance, and the traverse, followed by a special study of the more common forms of actions, including the necessary obligations therein and the methods of pleading defenses. Whittier, Cases on Common Law Pleading. Professor HAMILTON *Two hours, fall and winter terms.*

6. **Agency.** Nature of relation; appointment; liability of principal for agent's torts, contracts, crimes; liabilities of agent; parties to writings; undisclosed principal doctrines; delegation of agency; termination; ratification. Huffcut, Cases on the Law of Agency (2d ed.). Professor REEDER. *Four hours, spring term.*

SECOND YEAR

7. **Equity 1—Contracts and Torts.** The origin, development, maxims, principles and doctrines of equity; relation between equitable rights and powers and legal rights and powers; jurisdiction, procedure and remedies of courts of equity; the equitable relations and remedies involved in obligations **ex contractu** and

obligations **ex delicto** considered with respect to their interplay with the corresponding legal relations and remedies; specific performance of contracts, with emphasis on the special trust relations arising under executory contracts between vendors and purchasers of realty; specific prevention and reparation of torts; prohibitory and mandatory injunctions for such torts as waste, trespass, nuisance, infringement of patents and copyrights, interferences with business relations, violations, violations of rights of privacy. Ames, Cases in Equity Jurisdiction, vol.1. Professor HOPE. *Four hours, winter term.*

8. **Equity 2—Trusts.** Nature and requisites of a trust; express, resulting, and constructive trusts; charitable trusts; appointment and office of trustee; nature of cestui's interest; transfer of trust property by trustee or by cestui; cestui's interest as affected by death, marriage, or bankruptcy of trustee or cestui; duties of trustee; extinguishment of trust; removal or resignation of trustee; accounting. Ames, Cases on Trusts (2d ed.). Professor REEDER. *Four hours, spring term.*

9. **Evidence.** Respective functions of judge and jury; "law and fact"; presumptions; burden of proof; judicial notice; classification of evidence; revelancy as primary test of admissibility; principles and rules relating to the following: misleading or unimportant matters, character, admissions, confession, hearsay, witnesses' opinion and expert testimony, real evidence, evidence relating to execution, contents and interpretation of writing; various rules of substantive law stated in terms of "parol evidence rule"; competency of witnesses; privilege of witnesses; examination of witnesses. Thayer, Cases on Evidence (2d ed.). Professor HOPE. (Not given 1918-19.)

10. **Sales of Personal Property.** Subject matter of sale; executory and executed sales; bills of lading and jus dispondi; seller's lien and right of stoppage in transitu; fraud; factors' acts; warranty and remedies for breach of warranty; statute of frauds. Woodward,Cases on Sales. Professor HOPE.

Five hours, spring term.

11. **Public Service and Carriers.** Brief survey of bailments in general. Common law duties and liabilities of those who are

engaged in public service, statutory regulation of services and charges and the validity of such regulations. Common carriers of goods and passengers at common law and under federal and state legislation. Burdick, Cases on Public Service; McClain, Cases on Carriers (3d ed.). Professor REEDER. (Not given 1918-19.)

12. **Persons and Domestic Relations.** Marriage; consent and capacity; marriage as a contract or relation; rights and duties; rights in property; contracts, conveyances, quasi-contractual obligations; wife's estates; ante-nuptial and post-nuptial settlements; separation and divorce. Parent and child; legitimacy, adoption, custody, support; earnings of child; liability for child's torts. Guardian and ward: selection and appointment of guardians; jurisdiction to appoint; rights, duties and liabilities of guardian; maintenance of ward; domicile; care of property and investments; guardians' bonds. Infants: period of infancy; privileges and disabilities; contracts; liabilities for necessaries; ratification and disaffirmance of contracts. Persons non compos mentis, and aliens. Master and servant: creation and termination of the relation; remedies for breach of contract; rights and duties inter se; master's liability for injuries to servant; negligence and assumption of risk. Kales, Cases on Persons, and Vernier, Cases on Marriage and Divorce. Professor REEDER. (Not given 1918-19).

13. **Bills and Notes.** This course deals with negotiable paper of all types. The law of checks, bills of exchange and notes is taken up, with a detailed discussion of: formal requisites; acceptance; indorsement; transfer; extinguishment; obligation of parties; diligence; specialty character; the effect of the negotiable instruments law. Smith and Moore, Cases on Bills and Notes. Professor HOPE. *Four hours, winter term.*

14. **Property 2.** This course continues the subject as concluded by Property 1 by which it must be preceded, and includes during the first semester a detailed study of title to land, especially in relation to possession and the subject of landlord and tenant. The following topics are considered: Nature and importance of legal possession; remedies to recover legal possession wrongfully withheld; effect of statutes of limitations; tacking of successive periods of adverse possession; "constructive" adverse possession

under color of title; intent as element of title to legal possession; possession through occupation of a servant or agent; possession through occupation of a tenant; relationship of landlord and tenant compared with rights and liberties of persons in various other relations; possession through a co-tenant's occupation; exceptions and interruptions to running of statutes of limitations. Creation of relationship of landlord and tenant; duration of tenant's interest; eviction and its effects; remedies of landlord for non-performance of tenant's obligations; remedies of tenant against landlord; covenants running with the land between landlord and tenant; rights, liberties and duties of landlord with respect to third persons; rights, liberties and duties of tenant with respect to third persons. During the second semester the course covers the acquisition of property on the death of the former owner, including consideration of gifts causa mortis, wills, probate, and administration. Gray, Cases on Property, vols. 3, 4, (2d ed.). Professor HAMILTON. *Five hours, spring term.*

15. **Damages.** Respective functions of court and jury in estimating damages; exemplary, liquidated, nominal, direct, and consequential damages; avoidable consequences; counsel fees; certainty, compensation, damages for non-pecuniary injuries; value, interest; and damages in certain actions of tort and contract. Beals, Cases on Damages. Professor HAMILTON.

Three hours, fall term.

16. **Insurance.** A general survey of insurance law, life, accident, fire and marine insurance, with respect to: insurable interest; concealment; misrepresentation; warranties; other causes of invalidity of contract; amount of recovery; subrogation; conditions; waiver, estoppel, election, and powers of agents; assignees and beneficiaries. Under marine and fire insurance will be included a thorough consideration of the doctrine of general average, and the standard fire policy generally adopted in the United States. Wambaugh, Cases on Insurance. (Not given 1918-19).

17. **Bankruptcy and Insolvency.** This course aims to give a complete exposition of the rights of creditors against insolvent debtors, and the means that may be resorted to in order to make

those rights effective, and includes a consideration of insolvent assignments and conveyances in fraud of creditors as well as the study of the National Bankrupt Act of 1898 and its predecessors. Williston, Cases on Bankruptcy. Professor REEDER. (Not given in 1918-19).

18. **Code Pleading.** Actions and special proceedings; the complaint, including necessary allegations, methods of statement, and prayer for relief; answers, including general and special denials; new matter, equitable defenses, counter-claims, and union of defenses; replies, demurrer. Course 5 is a prerequisite. Sunderland, Cases on Code Pleading. Professor HAMILTON.

Four hours, spring term.

THIRD YEAR

19. **Conflict of Laws.** Within the limits of the subject, a comparison is made of theories and practice in different jurisdictions, both in civil matters and in criminal; and attention is given to the special aspects of interstate law in the United States. Lorenzen, Cases on the Conflict of Laws. Professor HOPE.

Four hours, fall term.

20. **Constitutional Law (Political Science 101).** Written and unwritten constitutions. The adoption and amendment of constitutions; the relations between the federal and state governments; the legislature, executive and judiciary; the states and territories; the individual and the government. McClain, Cases on Constitutional Law. Professor BARNETT. *Four hours, winter term.*

21. **Law of Officers (Political Science 102).** The nature of public office; the formation and termination of the official relation; compensation of officers; exercise of official authority; liability of government for acts of officers; extraordinary legal remedies. Goodnow, Cases on Administrative Law, and selected cases. Professor BARNETT. *Four hours, spring term.*

22. **Corporations, Municipal (Political Science 103).** The nature, constitution, powers and liabilities of public corporations. Beale, Cases on Municipal Corporations. Professor BARNETT.

Four hours, winter term.

23. **International Law. (Political Science 104).** The nature and sources of international law; the history of international law; the subjects of international law; the law of peace, the law of war and the law of neutrality. Lawrence, Principles of International Law; and Scott, Cases on International Law. Professor BARNETT.
Four hours, spring term.

24. **Corporations, Private.** A general survey of the nature, power and obligations of private corporations, with a consideration of the rights and duties of promoters, officers, directors and stockholders, and of the rights of creditors and others against the corporation. The manner of creating and dissolving corporations, the nature of corporate stock, the effect of ultra vires acts, the powers of corporations to purchase shares of stock or to consolidate with other corporations, and the power of Congress and of the Legislature to regulate and control the acts of corporations are among the topics treated. Canfield and Wormser, Cases on Corportions. Professor BARNETT. *Four hours, spring term.*

25. **Partnership.** Nature of a partnership, its purpose, and members; creation of partnership; nature of partner's interest; firm name and good-will; mutual rights and duties of partners; actions between partners, at law and in equity; powers of partners; liability for acts of partners in contact and tort; general liability of partners; dissolution and notice; consequence of dissolution agreements respecting debts; distribution of assets to creditors and between partners; limited partnership. Ames, Cases on Partnership. Professor REEDER.
Two hours, winter and spring terms.

26. **Property 3.** This course must be preceded by Property 1 and Equity 1. During the first semester conditional and future interests are dealt with, including reversions and remainders, executory devises, powers and the rule against perpetuities. During the second semester illegal conditions and restraints on alienation, etc., are taken up. Gray, Cases on Property, vols. 5, 6 (2d ed.). Professor HAMILTON. (Not given 1918-19.)

27. **Equity 3—Interpleader, Bills of Peace, Etc.** Special equitable remedies, including: interpleader; bills of peace and

quia timet; cancellation of contract; clouds on title; perpetuation of testimony; rights of future enjoyment; reformation and rescission of contract for mistake. Ames, Cases on Equity Jurisdiction, vol. 2. (Not given 1918-19.) Professor HOPE.

28. **Quasi-Contracts.** Under the head of quasi or constructive contracts is embraced all that very large class of obligations which, while not contractual in fact, are enforced as if they were so. They constitute largely that great mass of obligations for the enforcement of which the action of assumpsit was devised. The course includes such topics as the payment of money by mistake, duress, or fraud, and the waiver of tort. Woodruff, Cases on Quisi-Contracts. Professor HOPE.

Two hours, winter and spring terms.

29. **Suretyship.** Nature of the contract of suretyship; surety's defenses against the creditor, based upon absence, extinguishment, or suspension of the liability of the principal debtor, or upon principal debtor's right of set-off or counter-claim against the creditor; surrender or loss of securities by creditor; variation of surety's risk; surety's rights; subrogation to the rights of the creditor; indemnity; contribution; exoneration; creditor's rights to surety's securities. Ames, Cases on Suretyship. Professor HOPE.

Three hours, spring term.

30. **Mortgages.** All forms of mortgage security, both real and chattel; essential elements of legal and equitable mortgages; legal and equitable rights, powers and remedies of mortgagor and mortgagee with respect to title, possession, rents and profits, waste, collateral agreements, foreclosure, redemption; priorities; marshalling; extension of mortgages; assignment of mortgages; discharge of mortgages. Durfee, Cases on Mortgages. Professor HAMILTON. (Not given 1918-19.)

31. **Oregon Practice.** Organization and jurisdiction of courts; court records and files; proceedings prior to judgment, including: services and return of summons and motions relating thereto, appearances, provisional remedies, such as attachment, arrest, etc., lis pendens, the trial, exceptions and findings, verdict; the

judgment, its entry and satisfaction; proceedings subsequent to judgment, including: Stay of execution, costs, execution, motion for new trial, appellate proceedings; probate and administration proceedings; special proceedings, including writs of certiorari, mandamus, and prohibition; introduction to jurisdiction and procedure of federal courts.

Argument of cases on submitted statements of facts; briefs; preparation of opinions. (Open to advanced students.) Lord's Oregon Laws and selected Oregon cases. Mr. BRYSON.

Two hours, throughout the year.

SCHOOL OF MEDICINE

FACULTY

P. L. Campbell, B. A., LL. D., President of the University.

Henry E. Jones, M. D., Emeritus Professor of Clinical Gynecology.

George Milton Wells, M. D., Emeritus Professor of Pediatrics.

Andrew Jackson Giesy, M. D., Emeritus Professor of Clinical Gynecology.

Simeon Edward Josephi, M. D., Professor of Nervous and Mental Diseases. Head of Department of Mental and Nervous Diseases and Medical Jurisprudence.

Kenneth A. J. Mackenzie, M. D., C. M., L. R. C. P. and L. R. C. S., Edin., Dean, Professor of Operative and Clinical Surgery. Head of Department of Surgery.

Richard Nunn, B. A., B. Ch., M. D., Professor and Head of Department of Diseases of Eye, Ear, Nose and Throat.

James Francis Bell, M. D., L. R. C. P. London, Professor of Theory and Practice of Medicine, Head of Department of Medicine.

George Flanders Wilson, M. D., Professor of Principles and Practice of Surgery.

Ernest Fanning Tucker, B. A., M. D., Professor of Gynecology, Head of Department of Gynecology.

Edmunde John Labbe, M. D., Professor of Obstetrics.

Albert Edward MacKay, M. D., Professor of Genito-Urinary Diseases.

Robert Clarke Yenney, M. D., Professor of Clinical Medicine.

Richard B. Dillehunt, M. D., Professor of Anatomy.

Robert Louis Benson, A. M., M. D., Professor of Pathology, Head of Department of Pathology and Bacteriology.

Willey Hirby Norton, A. B., M. D., Associate Professor of Bacteriology.

Howard D. Haskins, A. B., M. D., Professor of Biochemistry, Head of Department of Biochemistry.

Harold B. Myers, A. B., M. D., Professor of Materia Medica, Pharmacology and Toxicology, Head of Department of Pharmacology, Assistant Dean.

William F. Allen, A. M., Ph. D., Professor of Anatomy, Head of Department of Anatomy.

George E. Burget, S. B., Ph. D., Professor of Physiology.

ASSOCIATE PROFESSORS

James Cullen Zan, M. D., Associate Professor of Clinical Surgery.

Frank R. Menne, B. S., M. D., Associate Professor of Pathology.

William House, M. D., Associate Professor of Nervous and Mental Diseases.

Alvin Walter Baird, A. B., M. D., Assistant Professor of Surgery.

J. Allen Gilbert, Ph. D., M.D., Assistant Professor of Medicine.

J. C. Elliot King, A. B., M. D., Assistant Professor of Dermatology and Syphilology.

Clarence J. McCusker, B. S., M. D., Assistant Professor of Obstetrics.

T. Homer Coffen, A. B., M. D., Assistant Professor of Clinical Medicine.

Laurence Selling, A. B., M. D., Assistant Professor of Clinical Medicine.

William S. Knox, B. S., M. D., Assistant Professor of Clinical Medicine.

Otis Buckminster Wight, A. B., M. D., Assistant Professor of Gynecology.

George Shattuck Whiteside, M. D., Assistant Professor of Genito-Urinary Surgery.

Calvin S. White, M. D., Assistant Professor of Medicine (Hygiene and Sanitation).

Ralph Charles Matson, M. D., Assistant Professor of Medicine. In charge of Tuberculosis Division of Out-Patient Department.

Charles E. Sears, B. S., M. D., Assistant Professor of Medicine.

Ray W. Matson, M. D., Assistant Professor of Medicine. In charge of Tuberculosis Division of Out-Patient Department.

J. Earle Else, M. S., M. D., Assistant Professor of Surgery.

I. C. Brill, A. B., M. D., Assistant Professor of Clinical Medicine.

ASSOCIATES

George Ainslie, M. D., Associate in Ophthalmology.

J. B. Bilderback, M. D., Associate in Pediatrics.

John N. Coghlan, M. D., Associate in Otology.

Ralph A. Fenton, A. B., M. D., Associate in Rhinology and Laryngology.

L. H. Hamilton, A. B., M. D., Associate in Surgery.

George F. Koehler, M. D., Associate in Medicine.

Harvey G. Parker, M. D., Associate in Dermatology.
George Norman Pease, A. B., M. D., Associate in Surgery.
Frank M. Taylor, A. B., M. D., Associate in Medicine.
Ralph C. Walker, M. D., Associate in Medicine (Radiology).
Fred Ziegler, B. S., M. D., Associate in Surgery.
Paul Rockey, M. D., Associate in Surgery.
J. F. Dickson, M. D., Associate in Ophthalmology.
W. B. Holden, M. D., Associate in Surgery.
B. L. Norden, M. D., Associate in Surgery.
C. R. McClure, M. D., Associate in Surgery (Orthopedic).
A. C. Smith, M. D., Associate in Surgery.

INSTRUCTORS

Horace Burnett Fenton, A. B., M. D., Instructor in Therapeutics.
Donald H. Jessup, Phm. G., M. D., Instructor in Surgery.
Frederick A. Kiehle, A. B., M. D., Instructor in Ophthalmology.
James Wendell Rosenfeld, A. B., M. D., Instructor in Pediatrics.
William E. Shea, M. D., Instructor in Surgery.
Raymond E. Watkins, M. D., Instructor in Surgery.
Courtland Linden Booth, A. B., M. D., Instructor in Obstetrics.
William George Scott, M. D., Instructor in Obstetrics.
Marr Bisaillon, M. D., Instructor in the Out-Patient Tuberculosis Clinic.
Harriet J. Lawrence, M. D., Instructor in the Out-Patient Tuberculosis Clinic.
C. Stuart Menzies, M. D., Instructor in Anatomy.
Allen P. Noyes, M. D., Instructor in Pediatrics.
H. W. Howard, M. D., Instructor in Genito-Urinary Surgery.
E. F. Ziegelman, M. D., Instructor in Gynecology.
Arthur S. Rosenfeld, A. B., M. D., Instructor in Medicine.
Carl T. Ross, M. D., Instructor in Surgery.
B. N. Wade, M. D., Instructor in Surgery.
Eugene Rockey, M. D., Instructor in Surgery.
G. Lee Hynson, M. D., Instructor in Surgery.
Gertrude French, B. S., M. D., Instructor in Ophthalmology.
R. F. Davis, M. D., Instructor in Ophthalmology.
Andrew J. Browning, M. D., Instructor in Anaesthesis.
Leo Ricen, M. D., Instructor in Medicine.
Mary MacLachlan, M. D., Instructor in Gynecology.

BERTHA STUART, M. D., Instructor in Pediatrics.
WILLIAM F. KAISER, M. D., Instructor in Surgery.
R. J. CHIPMAN, M. D., Instructor in Pediatrics.
ROBERT G. HALL, M. D., Instructor in Pediatrics.
JOHN G. ABELE, M. D., Instructor in Infectious Diseases.
J. W. LUCKEY, M. D., Instructor in Mental and Nervous Diseases.
J. M. SHORT, M. D., Instructor in Medicine.

RESEARCH FELLOW

CHARLES U. MOORE, M. S., M. D., Research Fellow in Biochemistry.
ETHEL MONTGOMERY, Secretary-Registrar.

HISTORY

The Medical School of the University of Oregon was established at Portland in 1887 by a charter from the Regents of the University. The first building was a small frame structure located at what is now the corner of Marshall and Twenty-second streets, on the grounds of the Good Samaritan Hospital. It consisted of a single lecture room on the ground floor, and an anatomical laboratory, on the upper floor. In 1890 the present lot was purchased, and the building was transferred to it and remodeled. The present building was erected in 1892. It is a three-story structure and contains well-equipped laboratories, a convenient dissecting room, two large lecture rooms, and the medical school library.

The merger of the medical department of the Willamette University, the first foundation of the kind in the State of Oregon, with the Medical School of the University of Oregon, was effected by mutual and friendly arrangements on the first day of September, 1913. Under the terms of the merger the Medical Department of the Willamette University retired permanently from the field of medical education, and transferred its entire enrollment, numbering forty, to the State School in the city of Portland, and arrangements were effected so that the students of the Willamette University were graduated during the course of the following three years, and received degrees indicative of the merger of the two schools, and the alumni of both schools are consolidated under the Medical School of the University of Oregon, which becomes at

once the sole school of medicine in the Pacific Northwest, thus serving the largest territory in the United States served by one medical school.

In the spring of 1914 a gift of 20 acres of land was made to the Medical School of the University of Oregon by the Executive Committee of the Oregon-Washington Railroad & Navigation Company. The campus is situated on Marquam Hill, one of the most attractive scenic points in the city of Portland, and will be approached by easy grades from the Terwilliger Boulevard. Under the terms of the gift it will be possible to erect hospitals upon the campus which will enable the faculty of the school to give the most practical instruction upon all branches of medicine.

By an act of the Legislature of the State in 1915, fifty thousand dollars was appropriated for the construction of the first unit of a medical group, contingent upon a popular subscription of $25,000. This provision was met, and the Legislature of 1917 augmented the fund by providing $40,000 more. A reinforced concrete building, 200 by 65 feet of three stories, representing the most modern ideas in medical college-building construction, will undoubtedly be completed during the summer vacation of 1918.

FACILITIES

Buildings

The Medical School building is a three-story structure, heated by hot water and lighted by gas and electricity. The laboratory work is conducted here. Two large lecture halls supplied with charts, blackboards, and a projection lantern, admirably meet the need for lectures, quizzes and demonstrations.

Laboratories

In 1910, a complete reorganization of the various laboratory departments was instituted, and the laboratories were newly equipped, and the facilities were much improved. The laboratories of chemistry, physiology, histology, bacteriology, pathology, pharmacology and anatomy possess all the modern apparatus for practical instruction in those subjects.

Clinical Advantages

The Medical School has exceptional clinical advantages because of its intimate relation to large general hospitals, in all of which are conducted parts of the work of the clinical years.

Good Samaritan Hospital accommodates 230 patients and has recently built a new operating room with a convenient amphitheatre.

St. Vincent's Hospital contains 375 beds and six excellent operating rooms, one of which has a large amphitheatre, specially constructed to afford facilities for teaching surgery and medicine in this Medical School.

Multnomah County Hospital is a charitable institution readily accessible by street car, and affords much material for practical clinical work. This institution will soon be enlarged to comply more thoroughly with the needs of Multnomah County.

Members of the faculty conduct clinics daily in these hospitals, and the student is brought into actual contact with methods of diagnosis and treatment.

The "Crippled Children Law," passed at the last session of the legislature, provides for the treatment of all indigent crippled children of the state by the Medical School.

Portland's geographical position is such that its hospitals receive many patients from a large surrounding territory, resulting in a great diversity of clinical material.

Dispensaries

The Portland Free Dispensary is conducted by the Medical School, in cooperation with the People's Institute and the Visiting Nurse Association. It is located at Fourth and Jefferson streets, in excellent quarters, providing adequate rooms for all departments of clinical

teaching, and complete laboratory equipment. Over 3000 patients were cared for in 1916, assuring a good daily attendance. Small groups of third and fourth year students are assigned to daily dispensary service under immediate supervision.

The Jewish Neighborhood House, at Second and Hooker streets, affords an excellent dispensary service in Pediatrics and Otolaryngology

Library

The Medical School library was established by the gift of the libraries of the late R. B. Wilson and Rodney Glisan, two distinguished pioneer physicians of this State. Numerous volumes have been added, making a total of nearly 4000. About 140 recent volumes have been purchased and the periodicals number 53.

1. High School Requirements

(a) For admission to the two-year premedical college course, students shall have completed a four-year course of at least fourteen units (fifteen after Jan. 1, 1920) in a standard accredited high school or other institution of a standard secondary school grade, or have the equivalent as demonstrated by examinations conducted by the College Entrance Examination Board, or by the authorized examiner of a standard college or university which has been approved by the Council on Medical Education. Unless all the entrance units are obtained by examination, a detailed statement of attendance at the secondary school, and a transcript of the student's work, should be kept on file by the college authorities. This evidence of actual attendance at the secondary schools should be obtained, no matter whether the student is admitted to the freshman or to the higher classes.

(b) Credits for admission to the premedical college course may be granted for the subjects shown in the following list and for any other subject counted by a standard accredited high school as a part of the requirements for its diploma, provided that at least eleven units must be offered in Groups I-V:

SCHEDULE OF SUBJECTS REQUIRED OR ACCEPTED FOR ENTRANCE TO THE PREMEDICAL COLLEGE COURSE

Subjects	Units*	Required
Group I, English—		
Literature and composition	3-4	3
Group II, Foreign Languages—		
Latin	1-4	2†
Greek	1-3	
French or German	1-4	
Other foreign languages	1-4	
Group III, Mathematics—		
Elementary algebra	1	1
Advanced algebra	½-1	....
Plane geometry	1	1
Solid geometry	½	....
Trigonometry	½	....
Group IV, History—		
Ancient history	½-1	1
Medieval and modern history	½-1	
English history	½-1	
American history	½-1	
Civil government	½-1	
Group V, Science—		
Botany	½-1	....
Zoology	½-1	....
Chemistry	1	....
Physics	1	....
Physiography	½-1	....
Physiology	½-1	....
Astronomy	½-1	....
Geology	½-1	....
Group VI, Miscellaneous—		
Agriculture	1-2	
Bookkeeping	½-1	....
Business law		....
Commercial geography	½-1	....
Domestic science	1-2	....
Drawing, freehand and mechanical	½-2	....
Economics and economic history	½-1	....
Manual training	1-2	....
Music: Appreciation or harmony	1-2	....

*A unit is the credit value of at least thirty-six weeks' work of four or five recitation periods per week, each recitation period to be not less than forty minutes. In other words, a unit represents a year's study in any subject in a secondary school constituting approximately a quarter of a full year's work. A satisfactory year's work in any subject cannot be accomplished under ordinary circumstances in less than 120 sixty-minute hours, or their equivalent.

† Both of the required units of foreign language must be of the same language, but the two units may be presented in any one of the languages specified.

Of the fourteen units of high school work, (fifteen after Jan. 1, 1920) eight units are required, as indicated in the foregoing schedule; the balance may be made up from any of the other subjects in the schedule.

II. Premedical College Course

(c) Beginning Jan. 1, 1918, the minimum requirement for admission to acceptable medical schools, in addition to the high school work specified above, will be sixty semester hours of collegiate work, extending through two years, of thirty-two weeks each, exclusive of holidays, in a college approved by the Council on Medical Education. The subjects included in the two years of college work should be in accordance with the following schedule:

SCHEDULE OF SUBJECTS OF THE TWO-YEAR PREMEDICAL COLLEGE COURSE

Sixty Semester Hours* Required

	Semester Hours
Required Subjects:	
Chemistry (a)	12
Physics (b)	8
Biology (c)	8
English composition and literature (d)	6
Other nonscience subjects (e)	12
Subjects Strongly Urged:	
French or German (f)	6-12
Advanced botany or advanced zoology	3 -6
Psychology	3 -6
Advanced mathematics including algebra and trigonometry	3 -6
Additional courses in chemistry	3 -6
Other Suggested Electives:	
English (additional), economics, history, sociology, political science, logic, mathematics, Latin, Greek, drawing.	

*A semester hour is the credit value of sixteen weeks' work consisting of one lecture or recitation period per week, each period to be not less than fifty minutes net, at least two hours of laboratory work to be considered as the equivalent of one lecture or recitation period.

SUGGESTIONS REGARDING INDIVIDUAL SUBJECTS

(a) **Chemistry**—Eight semester hours required (twelve after Jan. 1, 1919) of which at least eight semester hours must be in general inorganic chemistry, including four semester hours of laboratory work. In the interpretation of this rule work in qualitative analysis may be counted as general inorganic chemistry. The remaining four semester hours (required after Jan. 1, 1919) may consist of additional work in general chemistry or of work in analytic or organic chemistry.

(b) **Physics**—Eight semester hours required, of which at least two must be laboratory work. It is urged that this course be preceded by a course in trigonometry. This requirement may be satisfied by six semester hours of college physics, of which two must be laboratory work, if preceded by a year (one unit) of high school physics.

(c) **Biology**—Eight semester hours required, of which four must consist of laboratory work. This requirement may be satisfied by a course of eight semester hours in either general biology or zoology, or by courses of four semester hours each in zoology and botany, but not by botany alone.

(d) **English Composition and Literature**—The usual introductory college course of six semester hours, or its equivalent, is required.

(e) **Nonscience Subjects**—Of the sixty semester hours required as the measurement of two years of college work, at least eighteen, including the six semester hours of English, should be in subjects other than the physical, chemical or biological sciences.

(f) **French or German**—A reading knowledge of one of these languages is strongly urged. If the reading knowledge of one of these languages is obtained on the basis of high school work, the student is urged to take the other language in his college course. It is not considered advisable, however, to spend more than twelve of the required sixty semester hours on foreign languages. In case a reading knowledge of one language is obtained by six semester hours of college work, another six semester hours may be well spent in taking the beginner's course in the other language; if this is followed up by a systematic reading of scientific prose, a reading knowledge of the second language may be readily acquired. When a student spends more than two years in college he may well spend twelve semester hours of his college work in the second language.

Reprinted from the Journal of the American Medical Association Feb. 23, 1918, Vol. 70, pp. 559-560.

These credits are accepted from accredited universities and colleges upon credentials from the proper authority, but work done in other medical or professional schools is not accepted as a substitute for the required college subjects.

No students are admitted with any condition.

Admission by Examination

Students who have completed the required work in colleges or universities not accredited by the University of Oregon must pass examination in the required branches. This examination is conducted by the faculty of the University College of Literature, Science and the Arts, and upon completion of the examination the student must submit credentials from the University certifying that such credit has been approved.

Admission to Advanced Standing

No student will be admitted to advanced standing who has not complied fully with the requirements for admission to this Medical School. Credits will be given to students from other recognized medical institutions, the requirements for admission and standard of work of which are equivalent to those of this Medical School upon presentation of credentials from proper authority. Such student must submit a certificate of honorable discharge from his previous college, as well as evidence (such as laboratory note-books) of the exact amount of work he has successfully completed there, both of which are subject to the approval of the heads of the department involved and of the Dean.

Inasmuch as four years of residence in a recognized medical school is required for the degree of Doctor of Medicine, no time credit is given for work done at Eugene, or in other non-medical colleges, but subject credit may be given for satisfactory work if approved by the Dean, and the head of the Medical School department concerned.

Combined Degree Course

Those students who have successfully completed three years of work in the University, leading to the degree of Bachelor of Arts, and embracing not less than ninety semester hours of credit, may, upon the successful completion of the first year in the Medical School, embracing thirty-four semester hours, receive the degree of Bachelor of Arts, when approved by the College of Literature, Science and the Arts.

Pre-Medical Courses

Special pre-medical courses are offered by many universities, and they are, as a rule, particularly adapted to fulfill the requirements

of all Class A medical schools. An excellent course is provided by the College of Literature, Science and the Arts of the University of Oregon. In addition to the required subjects, the student is strongly advised to elect courses in English, Latin, Psychology and Drawing.

Special Students

Students who are not candidates for the degree of Doctor of Medicine may register in courses in the fundamental laboratory branches for which they are prepared, as special students; and graduates in medicine may register as special students in any course. But no matriculants will be accepted as special students in clinical subjects, other than graduates in medicine; and no graduates in medicine will be accepted as candidates for the degree of Doctor of Medicine.

The Curriculum

The curriculum consists of four annual sessions of thirty-two weeks (two semesters) each. The first two years are devoted chiefly to the fundamental branches; anatomy, both gross and minute; physiology, biochemistry, neurology, embryology, pathology, pharmacology, bacteriology, materia medica, and toxicology.

The last two years embrace the clinical branches: Medicine, surgery, obstetrics, gynecology, therapeutics, laboratory diagnosis, clinical pathology, nervous and mental diseases, genito-urinary diseases, and diseases of the eye, ear, nose and throat.

The student approaches the practical subjects of the third year, after the completion of those subjects preparatory to practical medicine. The principles of medicine, surgery and obstetrics are taken up in recitations, in sections at the dispensary, and in the clinics. Clinics, lectures, recitations and demonstrations are conducted in medicine, surgery, nervous diseases, gynecology, eye, ear, nose and throat, genito-urinary diseases, dermatology, and pediatrics.

Classes are sufficiently small to allow each student the advantages of much personal instruction.

Requirements for Graduation

The following are the requirements of the candidate for the degree of Doctor of Medicine:

He must have finished four full medical courses of at least eight months each, no two of which shall have been taken within the same twelve months, and the last of which must have been taken in this Medical School.

He must have secured satisfactory standing in all examinations and he must be present at commencement exercises and receive his diploma in person unless excused for good reason by the faculty.

GENERAL INFORMATION

Routine of Entrance

All applications should be addressed to the Dean, Medical School, University of Oregon, Portland, Oregon.

Each student contemplating matriculation should submit: (a) a complete official transcript of his high school work, and (b) a complete official record of his college or university work, either in person or by mail, as early as possible. Upon receipt of these he will be promptly notified of his acceptance and the credentials will be retained, or of his rejection and they will be immediately returned to the applicant.

Matriculation and Registration

The new student is required to present, on matriculation day, (a) his admission credits, if not previously presented; (b) his letter of honorable dismissal from previous college; (c) a certificate of good moral character; and (d) must pay the matriculation fee and fees and deposits for the ensuing term.

Any of the above may be done by correspondence or otherwise, but the student must present himself on registraton day for approval of credentials and assignment to classes.

Application for admission will not be considered later than October 7, and an extra charge of five dollars ($5.00) will be made for registration later than September 30.

Matriculation and registration will be conducted at the office of the Assistant Dean in the Medical School building on September 27 and 28, from 9 to 12 a. m.

Fees and Deposits

Matriculation Fee—The matriculation fee is five dollars ($5.00), and is required of every student entering the Medical School, and is payable but once.

Tuition—The tuition for each year is one hundred and fifty dollars ($150.00), and is payable at the beginning of the school term. Those preferring to pay tuition in two payments may do so by paying eighty dollars ($80.00) at the beginning of the first semester and seventy-five dollars ($75.00) at the beginning of the second. This fee includes all laboratory fees.

Breakage Deposit—A deposit of ten dollars ($10.00) is required of each student at the beginning of each year for general breakage. The cost of damage done by an individual to University property will be deducted from his deposit; and in case the identity of the one responsible cannot be established, a pro rata charge will be made against the entire class of which he is a member. The remainder of this deposit will be returned at the end of each school year.

All fees are payable in advance at the time of matriculation. Fees are not returnable at any time, except by special action of the Faculty.

The Faculty reserves the right to make changes in curriculum, fees or any other matter at any time.

If a special examination is granted, a fee of $5.00 must be paid the office.

Special Students

Students who register for special work, and who are not candidates for the degree of Doctor of Medicine, will be charged tuition according to the amount of work undertaken and the nature of the courses.

Post Graduates

Graduates of this or other medical schools who are visiting the city for a brief time are cordially invited to attend the various clinics and classes, but those intending to take any definite course must arrange with the Dean.

Board and Lodgings

Good rooms with all modern conveniences can be obtained in the vicinity of the Medical School at from $10.00 to $15.00 a month. Board may be had at from $18.00 to $20.00 a month; and room and board together may be obtained at from $25.00 to $30.00 a month.

Books and Instruments

The average annual cost of books, instruments and other supplies varies from $15.00 to $25.00. The instructors should be consulted before buying textbooks.

Lockers and Microscopes

Coat room and laboratory lockers will be assigned and a deposit of fifty cents must be made when a key for the same is received. Microscopes are rented at a cost of $5.00 per year; oil immersion lens $1.00 extra. Students are urged to purchase microscopes the first year.

RESUME OF WORK

The following is an outline of the work. The curriculum is largely prescribed and this resume includes only that work required of every student. The hours have been figured on a basis of sixteen weeks to a semester.

First Year

SUBJECT	Hours per week		Hours per Semester	
	Laboratory	Lecture or Quiz	Laboratory	Lecture or Quiz
First Semester—				
Anatomy:				
Gross	12	2	192	32
Histology	8	2	128	32
Biochemistry	9	3	176	48
Second Semester—				
Anatomy:				
Gross	12	2	192	32
Neurology	5	1	80	16
Embryology	4	2	64	32
Biochemistry	9	3	144	48
			976	240
Total hours				1,216

Second Year

First Semester—				
Bacteriology, 12 weeks	12	3	144	36
Pathology, 4 weeks	12	3	48	12
Physiology	9	3	144	48
Second Semester—				
Pathology	12	3	192	48
Pharmacology	9	5	144	80
Topographic Anatomy	6	..	96	..
Physical Diagnosis	..	2	..	32
			760	256
Total hours				1,016

THIRD YEAR

SUBJECT	Hours per week		Hours per semester	
	Laboratory or Clinic	Lecture	Laboratory or Clinic	Lecture
First Semester—				
Pathology	4	2	64	32
Medicine:				
Recitation	..	3	..	48
Physical Diagnosis	..	2	..	32
Clinic	1	..	16	..
Laboratory Diagnosis	4	2	6	32
Therapeutics	..	2	..	32
Dietetics	..	1	..	16
Gastro-Intestinal	..	2	..	32
Surgery:				
Recitation	..	2	..	32
Clinic	2	..	32	..
Nervous Diseases	..	1	..	16
Obstetrics	..	3	..	48
Dispensary	4	..	64	..
Surgical Anatomy	2	..	32	..
Second Semester—				
Medicine:				
Recitation	..	3	..	48
Hygiene and Sanitation.	..	2	..	32
Clinics	2	..	32	..
Surgery:				
Recitation	..	2	..	32
Clinic	1	..	16	..
Genito-Urinary Diseases	1	2	16	32
Nervous Diseases	..	2	..	32
Dermatology	..	2	..	32
Dispensary	8	..	128	..
Obstetrics	..	3	..	48
Gynecology	..	2	..	32
Eye, Ear, Nose and Throat	..	4	..	64
Pathology	2	2	32	32
			496	704

Total hours 1,200

Fourth Year

SUBJECT	Hours per week		Hours per semester	
	Clinic	Lecture	Clinic	Lecture
First Semester—				
Medicine:				
Clinic (Yenney)	4	..	64	..
Clinic (Gilbert)	2	..	32	..
Clinic (Bell)	1	..	16	..
Dispensary	2	..	32	..
Surgery:				
Clinic (Mackenzie)	6	..	96	..
Clinic (Wilson)	..	2	..	32
Clinic (Baird)	1	..	16	..
Dispensary	3	..	48	..
Obstetrics	1	..	16	..
Nervous Diseases	1	2	16	32
Gynecology Dispensary	1	..	16	..
Pediatrics	..	2	..	32
Dermatology and Syphilis	..	1	..	16
Genito-Urinary Diseases	1	2	16	32
Eye, Ear, Nose and Throat	1	2	16	32
Serum Diagnosis	1	..	16	..
Second Semester—				
Medicine:				
Clinic (Bell)	3	..	48	..
Clinic (Yenney)	4	..	64	..
Clinic (Gilbert)	2	..	32	..
Dispensary	4	..	64	..
Jurisprudence	..	1	..	16
Surgery:				
Clinic (Mackenzie)	6	..	96	..
Lecture (Baird)	..	2	..	32
Orthopedic	..	2	..	32
Operative Surgery	3	..	48	..
Nervous Diseases Clinic)	1	..	16	..
Gynecology	1	2	16	32
Pediatrics	..	3	..	48
X-ray and Electro-Therapeutics	..	2	..	32
Eye, Ear, Nose and Throat	1	2	16	32
			800	400

Total hours 1,200

Grand total hours 4,736

DEPARTMENTS OF INSTRUCTION

1. ANATOMY

Professor WILLIAM F. ALLEN Professor RICHARD B. DILLEHUNT

Assistant WILMOT C. FOSTER Technician R. WALTER JOHNSON

This department provides instruction in gross and microscopic human anatomy. The former is given in well-lighted and well-ventilated dissecting rooms, where ample dissecting material, charts, models, articulated and disarticulated skeletons are available.

The microscopical laboratory is fully equipped with microscopes, models, demonstration preparations, etc., for instruction in histology, embryology and neurology. Students do not make their own microscopical preparations, but are supplied with individual histological, embryological and neurological sets, so that their full time is occupied with a study of the subject at hand.

1. GROSS ANATOMY

A course in which each student dissects a lateral half of a human body. A definite amount of dissection is planned for each week, which must be satisfactorily demonstrated to the instructor before proceeding to the next.

The work is divided into three courses: 1a—Abdomen and Leg; 1b—Head and Neck; 1c—Arm and Thorax. Each course requires about ten weeks for completion. Occasional lectures, one recitation and eleven hours laboratory per week, throughout the year.

1a—4 credit hours.

1b—4 credit hours.

1c—4 credit hours.

Professor DILLEHUNT, Mr. FOSTER.

2. HISTOLOGY

Includes a comprehensive microscopical study of the tissues and organs of the human body, incorporating in many instances a study of their nerve and vascular supply. Considerable attention is devoted to diagnosing slides of unknown tissues and organs. One lecture, one recitation and eight hours' laboratory work per week, first semester; four credit hours. Professor ALLEN.

3. Embryology

This course presupposes a knowledge of maturation, fertilization, segmentation, origin of the germ layers and early development of the general systems in one of the vertebrates. The lectures will deal with the complete development of the human embryo. The laboratory work will begin with a study of the human placenta, and will include a detailed study of the organs derived from the alimentary canal, the formation of the heart, blood vessels, central and peripheral nervous system, muscles and skeleton, as is shown from serial sections of 6, 12 and 25 mm. pig embryos, dissections of 12 mm. embryos and from cleared preparations of human embryos. One lecture, one recitation and four hours' laboratory work per week, second semester; three credit hours. Professor Allen.

4. Neurology and Organs of Special Sense

An attempt is made in this course to secure a working knowledge of the nervous system in connection with a study of its microscopic and gross structure, applying the general method first outlined by Professor J. B. Johnston. Dissection of the human brain is accompanied by a study of a Weigert series of the spinal cord and brain stem, and by Marchi, Nissel and silver preparations of certain regions. Beginning with the general cutaneous system the various systems are taken up separately, including in each a study of the peripheral end organs, relays, and reflex arcs, and closing the course with a study of the correlating centers. One lecture, occasional recitations and five hours' laboratory per week, second semester; three credit hours. Professor Allen.

5. Topographical Anatomy

A course consisting of serial sections of the human body. Students are required to make careful tracings of these sections. Six hours, second semester; two credit hours. Elective. Mr. Foster.

6. Applied Anatomy

A course of lectures and demonstrations in surface anatomy, position of viscera, surgically important anatomy, etc. Lectures

and quiz two hours a week, second semester; two credit hours. Professor DILLEHUNT.

7. RESEARCH

Research in any branch of anatomy open to qualified students upon approval of any of the instructors. Hours and credits to be arranged.

II. PHYSIOLOGY

GEORGE E. BURGET, S. B., Ph. D., Professor of Physiology

WRENN E. GAINES, Technician JOHN H. FITZGIBBON, Assistant

The physiology laboratory is well equipped with all modern appa ratus. All courses are arranged to put as much experimental work as possible in the hands of the student. Laboratories are well fitted for mammalian work.

1. Physiology of blood, circulation, respiration, secretion, excretion, absorption. Lectures three hours a week, laboratory six hours a week, second semester, first year. Five credit hours.

2. Physiology of digestion, metabolism, muscles, animal heat, nervous system, special senses. Lectures three hours a week, laboratory six hours a week, first semester, second year. Five credit hours.

3. Mammalian Physiology. A laboratory course open to a limited number of students. Elective. One semi-semester. Hours and credit to be arranged.

4. Physiology of the glands of internal secretion. Elective. One semi-semester. Hours and credit to be arranged.

5. Research in Physiology. Elective. Hours and credit to be arranged.

III. PATHOLOGY AND BACTERIOLOGY

Professor BENSON Associate Professor NORTON

Associate Professor MENNE

Assistant, HERBERT H. FOSKETT

The Department of Pathology has the necessary facilities for the study of gross and microscopic pathology. The pathological

laboratories of St. Vincent's and Good Samaritan Hospitals are under the direct supervision of this department, and the surgical clinics afford a large amount of fresh pathological material for demonstration. The museum is being constantly augmented from these sources and also from the autopsies which are performed as often as the occasion presents itself. Each student is required to attend a number of autopsies during the year and to write a detailed report of the findings.

A complete set of sections for microscopic study is loaned each student, which he is required to study fully, describe and draw in colors. The student is also taught the technique of preparing sections of tissue, by the celloidin, paraffin and frozen section methods. The school is fortunate in having an ample equipment for such work.

Besides the instruction at the Medical School, consisting of lectures, demonstrations and laboratory study, demonstrations are given at St. Vincent's Hospital by a member of this department in conjunction with the surgical clinics.

The bacteriology laboratory is thoroughly equipped for the study of micro-organisms, of the principles of immunity, and of modern methods of hygiene and sanitation. It is provided with incubators, autoclaves, dry sterilizers, and all necessary apparatus, and a supply of the more important pathogenic organisms is kept on hand and continually augmented from fresh material. Provision is made for animal inoculations, and the student is given the opportunity to isolate, culture and study the various organisms.

1. Bacteriology

This is a practical laboratory course in which the students become familiar with the preparation of culture media, the principles of sterilization and disinfection, the methods of cultivating, staining and studying bacteria, the biological examination of air, water and soil, and the important species of pathogenic micro-organisms. The hygenic as well as the pathological relations of bacteriology are considered. Lectures five hours, laboratory ten hours weekly until Christmas holidays, second year. Professor Norton.

Six credit hours.

2 and 3. Pathological Histology, General Pathology, and Study of Tumors

A laboratory course in general pathology, comprising the study of prepared slides supplemented by experiments; the study of fresh and museum specimens, lectures and recitations. Lectures five hours, laboratory ten hours weekly from Christmas holidays to end of second semester, second year.

Course 2—January 2 to February 5. *Two credit hours.*
Course 3—Second semester. *Eight credit hours.*

4. Special Pathological Anatomy and Histology

This course treats the pathological processes from the standpoint of systems of organs, and includes a consideration of the morbid anatomy, pathological histology, and clinical features of each group. Lectures two hours, laboratory four hours weekly, first semester, third year. Associate Professor Menne. *Three credit hours.*

5. Surgical Pathology

This course, consisting of demonstrations of gross specimens, is given in the pathological laboratory of St. Vincent's Hospital. Associate Professor Menne.

6. Serum Diagnosis

For seniors. Elective. Hours to be arranged. Professor Benson.

7. Research in Pathology and Bacteriology

Open to specially qualified students. Hours to be arranged. Elective.

8. Autopsy Course

Demonstration of fresh material from recent autopsies. Where possible the clinician in attendance on the case will be asked to present the clinical features of the case. One period weekly during the year.

9. Practical Hygiene

A laboratory course in the chemical and bacteriological analysis of milk, water, sewage and air, with instruction in the use of special

apparatus will be offered to students who have completed their work in bacteriology. January 1 to April 1 for fourth year students. Elective. Professor NORTON.

IV. BIOCHEMISTRY

Professor HASKINS — ALOIS TEDISCH, Technician

The aim of the course is to give as complete a survey of biochemistry as possible.

The laboratory work includes extended study of proteins, lipins, carbohydrates, enzymes, digestive juices, bile, blood, milk and urine. Many pathological urines are examined. Each student performs a metabolism experiment. Especial emphasis is laid on quantitative chemical methods, including a complete analysis of water, air, milk and urine. Lectures 3 hours, laboratory 9 hours a week, both semesters. Course 1a first semester, six credit hours. Course 1b, second semester, six credit hours.

V. PHARMACOLOGY, TOXICOLOGY AND PRACTICAL THERAPEUTICS

Professor MYERS — Dr. FENTON

ALOIS TEDISCH, Technician

Instruction in this department aims to give a practical working knowledge of the character of drugs and their application in the treatment of disease. Lectures, recitations, laboratory work, conferences and frequent written examinations constitute the course of instruction. The student laboratory is fully equipped with apparatus, drugs and a museum of materia medica. Current journals and books are on file in the laboratory for student reference. A supply of animals is maintained for the study of drug action upon living tissue.

1. MATERIA MEDICA

Instruction is given by means of lectures and recitations concerning the origin, character and preparation of drugs; metrology; prescription writing and incompatabilities. Laboratory work in

the actual preparation by each student of all physical forms of drugs according to the United States Pharmacopoeia; the isolation and study of active principles; the appearance, physical and chemical characters and dosage of the more important drugs and chemicals. Lectures four hours, laboratory three hours a week; second semester.

Five credit hours.

2. PHARMACOLOGY

Lectures, conferences and laboratory work upon the actions of drugs. The class is divided into small groups, each of which performs experiments illustrating the influence exerted by various drugs upon the muscular, nervous, circulatory, respiratory, digestive and excretory organs. The indications for the use of each drug, based on its action and the form, dosage and method of prescribing are considered. Lecture four hours, laboratory three hours, second semester,

Five credit hours.

3. PHARMACOLOGY

A continuation of Course 2, completing the subject. Lecture two hours for ten weeks, first semester.

One and one-half credit hours.

4. TOXICOLOGY

The symptoms and treatment of poisoning; the isolation and detection of the more common poisons. Intended only to give an intelligent understanding of the processes involved. Lecture two hours, laboratory two hours, six weeks first semester.

One and one-half credit hours.

5. THERAPEUTICS

A lecture and recitation course in the practical application of medicinal drugs to pathological conditions, including a review of prescription writing. Dr. FENTON. *One credit hour.*

Sections of the class are given practical work at the Free Dispensary in the study of drug action in disease and prescription writing. Dr. MYERS.

6. RESEARCH

Research in Pharmacology. Elective. Hours and credit to be arranged.

VI. MEDICINE

Professor Bell Professor Yenney Professor Haskins
Associate Professor House
Assistant Professor Gilbert Assistant Professor White
Assistant Professor Ralph Matson Assistant Professor Ray Matson
Assistant Professor Knox Assistant Professor Selling
Assistant Professor Coffin Assistant Professor Brill
Dr. Ralph Walker, Associate Dr. G. F. Koehler, Associate
Dr. F. M. Taylor, Associate Dr. Marr Bisaillon, Instructor
Dr. Arthur Rosenfeld, Instructor Dr. J. M. Short, Instructor
Dr. Leo Ricen, Instructor Dr. John G. Abele, Instructor

Internal Medicine

Medicine is taught at first didactically by recitation from assignments, by practical work in physical diagnosis, and clinical laboratory work. Later the student is brought more closely in touch with the patient by clinics in hospitals and work in the dispensary.

1. Medicine Recitation

A course of quizzes in the principles of medicine from definite text assignments. Three hours a week, both semesters, third year. Dr. Brill. Course 1a, first semester, three credit hours. Course 1b, second semester, three credit hours.

2. Physical Diagnosis

A lecture and practical course in methods of physical examination with demonstrations and practice in percussion, auscultation, etc, Two hours a week, first semester, third year. Dr. Bisaillon.

Two credit hours.

3. Physical Diagnosis

A continuation of Course 3 with work in pathological conditions. Two hours a week, first semester, third year. Dr. Bisaillon.

Two credit hours.

4. Tuberculosis Clinic

A course in the diagnosis and treatment of tuberculosis.

The clinic provides abundant material for the study of tuberculosis and its modern methods of treatment, including tuberculosis therapy. Dr. Ralph Matson, Dr. Ray Matson.

5. Laboratory Diagnosis

A practical course in the laboratory in which the student is taught the chemical, microscopic, and bacteriological examination of blood, urine, sputum, gastric contents, feces, secretions and exudates. The course includes many of the recent methods of uric acid, non-protein nitrogen, chlorides, ammonia, total nitrogen, uric acid, phenolsulphonephthalein elimination, and hydrogen ion concentration of urine. The technique of the Wasserman and Lange tests is demonstrated. Two lectures and four laboratory hours per week, first semester, third year. Professor Haskins, Dr. Brill.

Four credit hours.

6. Medicine Clinic

A clinic devoted chiefly to instruction in the essentials of theoretical and practical medicine. One hour a week, entire fourth year. 1-2 Wednesday, St. Vincents Hospital. Professor Bell.

Two credit hours.

7. Medicine Clinic

A clinic of internal medicine confined to the Senior year. Two hours a week entire fourth year. St. Vincent's Hospital. Assistant Professor Gilbert. *Two credit hours.*

8. Medicine Clinic

A clinic paying especial attention to pathology and diagnosis. Four hours a week, entire fourth year. Multnomah Hospital. Professor Yenney. *Four credit hours.*

9. Medicine Lecture

A clinic or lecture in medicine with special stress on diseases of the stomach and intestines. One hour a week, first semester, fourth year. Elective. Dr. Koehler. *One credit hour.*

10. Lecture and Conference in Medicine

A lecture course with frequent quizzes on the more important and more prevalent diseases. Three hours a week, second semester, fourth year. Professor Bell. *Three credit hours.*

11. Hygiene and Sanitation

A course treating of practical hygiene with instruction in municipal sanitation, food control and garbage destruction, and the relation of these to public health. Two hours a week, second semester, third year. Assistant Professor White. *Two credit hours.*

12. Dietetics

A course involving the values of food and the methods of variance of foods in certain diseases. One hour a week, first semester, third year. Dr. Taylor. *One credit hour.*

13. Radiology and Actinotherapy

A course in electricity as applied to medicine and surgery, including the use of the X-ray in diagnosis and therapy. One hour a week, first semester, fourth year. Dr. Walker. *One credit hour.*

14. Clinic

Clinic for third year students at St. Vincent's Hospital. Two hours a week, both semesters. Dr. Coffin. *Two credit hours.*

15. Clinic

Clinic for third year students at St. Vincent's Hospital. One hour a week, both semesters. Dr. Brill. *One credit hour.*

16. Clinic

Clinic for fourth year students at St. Vincent's Hospital. One hour a week, both semesters. Dr. Brill. *One credit hour.*

17. Clinic

Clinic for fourth year students at St. Vincent's Hospital. Two hours, twice a week, second semester. Dr. Sears. *Two credit hours.*

18. Dispensary

A course in the dispensary in which small groups are assigned to the medical side, and are given practice in writing histories, physical

diagnosis, laboratory work, clinical observation and treatment. Eight hours a week, both semesters, third year. Dr. Booth, Dr. Koehler, Dr. Myers, Dr. Rosenfeld.

19. Clinical Clerkship Service

A medicine service has been established in connection with the St. Vincent's Hospital for the fourth year students. In this service the attempt is made to bring the student into the closest possible relation to the patient. Each patient entering this department of the hospital is assigned to the care of two students. These act as clinical clerks, taking the history, making the physical examination and doing all the clinical laboratory work required. It is the object of this service that each case shall be worked up as thoroughly as possible, in order to teach the student the necessity of careful and complete routine examinations. A well equipped clinical laboratory is at the service of the students. Assistant Professor Selling, Assistant Professor Knox, Assistant Professor Coffen, Dr. Brill.

Two credit hours.

VII. NERVOUS AND MENTAL DISEASES AND MEDICAL JURISPRUDENCE

Professor Josephi — Associate Professor House

Dr. J. W. Luckey, Instructor

The work of this department is confined to the third and fourth years, and is conducted didactically and clinically as well as by the work in the dispensary.

1. Nervous Diseases

A lecture and conference course dealing with the pathology, symptomatology, diagnosis and treatment of organic diseases of the spinal cord and nerves. Two hours a week, second semester, third year. Professor Josephi. *Two credit hours.*

2. Diseases of the Mind and Nervous System

A course embracing the neurases, certain organic diseases of the brain, aphasias, brain localization and instanity. Two hours a week, first semester, fourth year. Professor Josephi. *Two credit hours.*

3 Clinic

A clinic in nervous and mental diseases One hour a week, entire fourth year. Multnomah Hospital. Associate Professor House.
One-half credit hour.

3a. Clinic

A clinic in nervous diseases at the Portland Free Dispensary. Two hours a week, first semester, fourth year. Professor Josephi.

3b. Clinic

A clinic at Morningside Hospital for Insane (by courtesy of Mr. H. W. Coe). In this will be demonstrated differentiation of the various types of insanity. Two hours a week during March, fourth year. Dr. Luckey. *One-fourth credit hour.*

4. Medical Jurisprudence and Medical Ethics

A course of lectures and recitations in forensic medicine and medical ethics and economics. One hour a week, second semester, fourth year. Associate Professor House. *One credit hour.*

VIII. PEDIATRICS

Assistant Professor Bilderback
Dr. Rosenfeld Dr. Noyes
Dr. Hall Dr. Chipman

Instruction in this department is conducted by means of lectures, conferences and clinical work at the dispensary, and by bedside clinics at the baby-homes

1. Anatomy, Physiology, and Hygiene of Infancy and Childhood

Lectures and quizzes are conducted in the anatomy, physiology, and hygiene of infancy and childhood, and principles of infant feeding, and in the disorders of nutrition in infancy. Two hours a week, second semester, third year. Dr. Noyes. *Two credit hours.*

2. Diseases of Infancy and Childhood

A conference and lecture course in diseases of infancy and childhood. Three hours a week, both semesters, fourth year. Professor Bilderback. *Three credit hours.*

3. Dispensary Work

In this course small groups are assigned to the Pediatrics side and are given practice in taking histories, physical diagnosis, laboratory work, clinical observation and treatment. Four hours a week, both semesters, third year. Professor Bilderback, Dr. Rosenfeld, Dr. Hall, Dr. Chipman.

IX. DERMATOLOGY AND SYPHILOLOGY

Assistant Professor King Dr. Parker

Lectures, recitations, demonstrations and clinical work will be conducted in dermatology and syphilis in the clinical years.

1. Introductory Dermatology

A lecture and recitation course in the fundamentals of dermatology and in the more prevalent diseases of the skin. Illustrative cases will be exhibited from time to time. Two hours a week, second semester, third year. Assistant Professor King.

Two credit hours.

2. Dermatology and Syphilis

A continuation of Course 1. Two hours a week, first semester, fourth year. Assistant Professor King. *Two credit hours.*

3. Dispensary

A course at the Portland Free Dispensary in which small groups are asigned to the dermatological side and are given practice in writing histories, diagnosis and treatment. Four hours a week, both semesters, third year. Dr. Parker.

X. SURGERY

Professor Mackenzie Professor Wilson

Associate Professor Zan Assistant Professor Baird

Dr. Ziegler Dr. Pease Dr. P. Rockey Dr. C. T. Ross

Dr. Hynson Assistant Professor Else Dr. Wade

Dr. Shea Dr. Browning Dr. A. C. Smith

Dr. Holden Dr. Norden Dr. E. Rockey Dr. McClure

Dr. Hamilton Dr. Jessup

Surgery is approached didactically in lectures, and in recitations in the principles of surgery, from text assignments throughout the Junior year. Clinical work is conducted in the nearby hospitals in the third and fourth years. Minor surgery is taught clinically and at the dispensary, and operative surgery is presented in the fourth year, during which each student is required to do actual surgical work on the cadaver. Each senior student is assigned in rotation to take part as assistant in surgical operations and as anaesthetist under proper supervision, in the clinic.

1. Surgery Recitation

A course in quizzes in the principles of surgery and surgical pathology from definite assignments in a textbook of surgery. Two hours a week, both semesters, third year. Associate Professor Zan, Dr. Paul Rockey. 1a, *first semester, two credit hours.*
1b, *second semester, two credit hours.*

2. Surgical Clinic

Minor surgery is taught clinically by demonstration of technique in elementary surgery, bandaging, care of the injured, etc. One hour a week, second semester, second year. St. Vincent's Hospital. Dr. Ziegler. *One-half credit hour.*

3. Surgical Clinic

A clinic in general surgery. One hour a week, first semester, third year. Dr. Hamilton. *One-half credit hour.*

4. Surgical Clinic

The attempt is made in this course to teach surgery in the most practical manner and during the past eight years a method of instruction has been followed which has been commended in many quarters for its thoroughness.

The classes are limited at the present time to twenty-five students. Four students, who have been previously strictly trained in methods of asepsis, enter the amphitheater with the operating surgeon; two of them are assigned to assist the operator and actually take part in the operation and learn practical lessons in hemostasis, ligation of vessels and general technique; the other two students are stationed at the head under an expert anesthetist who studies anesthesia with them and instructs them in all methods of administration. While

one student is engaged in giving the anesthetic under instruction, the other is being taught how to make observations with the sphygmomanometer studying the reaction of the patient to the various operative procedures.

That part of the period which is usually consumed in preparation for operation and the administration of the anesthetic; namely, twenty to twenty-five minutes, is devoted to the study of pathology from specimens collected at previous operations under a special detail from the department of pathology.

Six hours a week, entire fourth year. St. Vincent's Hospital. Professor MACKENZIE. *Six credit hours.*

5. SURGICAL CLINIC

A clinic in general surgery, dealing chiefly with fractures and other lesions of bones. Two hours a week, first semester, fourth year. Professor WILSON. *Two credit hours.*

6. SURGICAL CLINIC

A clinic in general surgery with especial attention to surgical pathology. One hour a week, entire fourth year. Multnomah Hospital. Assistant Professor BAIRD. *One-half credit hour.*

6a. SURGICAL PATHOLOGY AND DIAGNOSIS

A course dealing with the gross pathology of surgical diseases in relation to diagnosis. Two hours a week, second semester, fourth year. Multnomah Hospital. Assistant Professor ELSE. *Two credit hours.*

7. COMMON SURGICAL DISEASES

A lecture and conference course involving a discussion of the pathology, diagnosis, and treatment of the more common surgical diseases. Two hours a week, second semester, fourth year. Assistant Professor BAIRD. *Two credit hours.*

8. ORTHOPEDIC SURGERY

A lecture and clinical course in orthopedic surgery. Two hours a week, second semester, third year. Dr. MCCLURE. *Two credit hours.*

9. Operative Surgery

A course in surgery on the cadaver presented by lecture, demonstration and individual work by each student on the cadaver. Three hours a week, second semester, fourth year. Dr. Pease.

Three credit hours.

10. Surgical Dispensary

A practical course in surgery, giving the student opportunity to do individual work in minor surgery at the dispensary. Eight hours a week, both semesters. Assistant Professor Whiteside, Dr. Shea, Dr. Ross, Dr. Hynson, Dr. Rockey, Dr. Wade.

11. Clinical Clerkship Service

In this service the attempt is made to bring the student into the closest possible relation to the patient. The students act as clinical clerks, taking the history, making the physical examination, and all the necessary examinations. The class will be divided into groups for the study of cases before, during and after the operation. Dr. Taylor, Dr. Jessop.

12. Surgical Diagnosis

In this course the instructor attempts to give the student the symptoms and physical signs of the more interesting surgical lesions and the manner of arriving at a diagnosis. One hour a week, first semester, third year. Dr. Holden.

13. Surgical Diagnosis

Continuation of Course 12. Dr. Norden.

14. Anasthesia

A course in the physiologic effects and the technique of administration of anaesthetics. One hour a week, first semester, fourth year. Dr. Browning. *One credit hour.*

XI. OBSTETRICS

Professor Labbe

Dr. Noyes Assistant Professor McCusker

Dr. Scott Dr. Booth

Obstetrics is taught in the third and fourth years in lecture, recitation, and practical courses. Normal and pathological cases

are demonstrated in hospital clinics and the out-patient service. Practical work is done by each student on the manikin and in the conduct of labor, under proper supervision in out-patient work. The student must be in attendance on at least six cases before graduation.

1. Introductory Obstetrics

A lecture and recitation course in the anatomy and physiology of pregnancy, the diagnosis and management of normal pregnancy, and the clinical phenomena of normal labor. Three hours a week, first semester, third year. Professor Labbe or Assistant Professor McCusker. *Three credit hours.*

2. Advanced Obstetrics

A lecture, conference and practical course in the conduct of labor and the diagnosis and treatment of pathologic conditions of pregnancy, labor and the puerperium. Three hours a week, second semester, third year. Professor Labbe or Assistant Professor McCusker. *Three credit hours.*

3. Practical Obstetrics

A conference, and practical course in the conduct of labor and management of abnormal presentations and other complications of labor. Each student is required to do practice work with the manikin. One hour a week, first semester, fourth year. Dr. Noyes.

One credit hour.

4. Obstetrics

(a) Obstetrical measurements, diagnosis of foetal positions and clinical observations during pregnancy. Students will be taken in sections and hours arranged for seniors. Professor Labbe.

(b) Cases of confinement will be demonstrated and senior students will be allowed to assist in the conduct of labor in the maternity departments of the various hospitals and in the out-patient service. Hours to be arranged. Entire fourth year. Professor Labbe, Assistant Professor McCusker, Dr. Scott, Dr. Noyes, Dr. Booth.

5. Ante- and Post-Partum Care

Small sections of the senior class are given individual instruction on methods of examination, measurement and general care of obstetrical patients before and after delivery. Dr. Booth.

XII. GYNECOLOGY

Professor TUCKER — Assistant Professor WIGHT

Dr. ZIEGELMAN — Dr. NORTON

Dr. MARY MACLACHLAN

Gynecology is taught by lectures, recitations, clinics and dispensary work in the third and fourth years.

1. GYNECOLOGY

Lectures and recitations in the anatomy, physiology and pathology of the female pelvic viscera, methods of gynecological examination, and the diagnosis and treatment of pelvic diseases. Two hours a week, second semester, third year. Professor TUCKER, Assistant Professor WIGHT. *Two credit hours.*

2. CLINICAL GYNECOLOGY

Lectures and clinics in the clinical diagnosis and medical and surgical treatment of diseases of women. Two hours a week, first semester, fourth year. Professor TUCKER. *Two credit hours.*

3. PRACTICAL GYNECOLOGY

Dispensary work will be assigned to senior students. Hours to be arranged. Professor TUCKER, Dr. ZIEGELMAN, Dr. NORTON, Dr. MACLACHLAN.

XIII. GENITO-URINARY DISEASES

Professor MACKAY — Assistant Professor WHITESIDE

Dr. HOWARD

Diseases of the genito-urinary tract will be considered didactically and clinically in the junior and senior years. Practical work will be given at the dispensary in cystoscopy, urethral, catheterization and modern methods of treatment.

1. Lecture and Conference

Lecture and conference in anatomy and physiology of the genito-urinary tract and study of the diseases affecting it. Two hours a week, second semester, third year. ProfessorMackay.

Two credit hours.

2. Continuation of Course

With presentation of clinical work and accurate methods of diagnosis and treatment, and clinics at Multnomah County Hospital. Two hours a week, first semester, fourth year. Professor Mackay. *Two credit hours.*

3. Dispensary Work in Genito-Urinary Diseases

Will be assigned as a part of the work in surgical dispensary. Assistant Professor Whiteside, Dr. Howard.

4. Clinic

A clinic in the pathology, diagnosis and treatment of genito-urinary diseases, and the use of the cystoscope and other diagnostic appliances. One hour a week, second semester, third year; one hour a week, first semester, fourth year. Professor Mackay and Assistant Professor Whiteside. *One-half credit hour.*

XIV. OPTHALMOLOGY, OTOLOGY, RHINOLOGY, AND LARYNGOLOGY

Professor Nunn Professor Dickson Dr. Coghlan

Dr. Ralph Fenton Dr. Kiehle

Dr. Ainslie Dr. Wright Dr. Davis Dr. French

These branches will be taught separately in the elementary work by means of lectures, demonstrations and recitations, and minor surgery, in the clinics during the Junior year. A more advanced course will be given in the Senior year, including major surgery.

1. Eye

A lecture and quiz course in the anatomy and physiology of the eye and its more prevalent diseases. One hour a week, second semester, third year. Dr. Ainslie. *One credit hour.*

2. Ear, Nose and Throat

A course of lectures and quizzes in the anatomy and physiology of the ear, nose and throat and the pathology, diagnosis and treatment of their disorders. One hour a week, second semester, third year. Dr. Kiehle. *One credit hour.*

3. Diseases of the Eye

An advanced course of lectures and clinics in the pathology, diagnosis and treatment of affections of the eye, ear, nose and throat. Two hours a week, first semester, fourth year. Professor Nunn and Dr. Wright *Two credit hours.*

4. Diseases of the Ear, Nose and Throat

A more advanced course in the diseases of the ear, nose and throat. Two hours a week, second semester, fourth year. Dr. Coghlan. *Two credit hours.*

5. Clinic

A clinical course in diseases of the ear, nose and throat at Multnomah Hospital. One hour a week, entire fourth year. Dr. Ralph Fenton. *One-half credit hour.*

6. Dispensary

A practical course in which the students have an opportunity to examine and make observations on cases. Four hours a week, both semesters, third year at the Free Dispensary. Dr. Davis, Dr. French.

7. Refraction

A course in simple refraction open to senior students and graduates in medicine. Hours to be arranged. Professor Dickson.

SCHOLARSHIPS

One free scholarship and two half-scholarships in the Medical School are open to students in the preliminary medical courses in the University. The full scholarship carries full tuition and the half-scholarships, one-half the tuition. The tenure of each scholarship is two years.

These scholarships are awarded on the basis of high standard of work in pre-medical subjects, and preferably to those students who have completed four years at the University, with the A. B. or B. S. degree; next, to those in the Seven-Year Combined Course who have completed the first year in the Medical School; and lastly to those of exceptional merit who have finished three years at the University and who are candidates for the B. A. degree.

Applications for scholarships must be in the hands of the Committee on Scholarships at Eugene not later than April 10th, of each year. Awards will be made by May 1st.

SCHOLARSHIPS, 1917-18

Clarence W. Brunkow, B. A. Full Scholarship.
Wilmot C. Foster, B. A., Full Scholarship.
George Earl Fortmiller, B. A., Half Scholarship.
Frank H. Campbell, B. A., Half Scholarship.

Six positions as student assistant in the laboratory branches are open to all students. These positions carry a salary of one hundred and fifty dollars per session, and scholarships and special qualification are considered in their allotment. Application for these positions must be made in writing to the Assistant Dean, and such application is subject to the approval of the instructor under whom the applicant contemplates serving.

STUDENT ASSISTANTSHIPS, 1916-17

Anatomy—Lester T. Jones
Biochemistry—Irene Hunt, Winifred H. Bueermann.

SCHOOL OF MUSIC

The Faculty

P. L. Campbell, B. A., LL. D., President of the University of Oregon.

John J. Landsbury, Mus. D., Dean School of Music and Professor of Pianoforte and Composition.

Arthur Faguy-Cote, Professor of Singing.

*John Stark Evans, A. B. Professor of Organ and Assistant Professor of Pianoforte and Composition.

Winifred Forbes, Professor of Stringed Instruments and Director of the Orchestra.

Anna L. Beck, Professor of Public School Music.

Jane Scotford Thacher, Professor of Pianoforte.

Daise Beckett Middleton, Assistant Professor of Singing.

Frank V. Badollet, Professor of Flute.

Albert Perfect, Professor of Wind Instruments.

*Howard T. Annett, Assistant Professor of Pianoforte.

Ina May Watkins, Instructor in Pianoforte.

Jessie Fariss, B. A., Mus. Bac., Instructor in Pianoforte.

Ruth Davis, Mus. Bac., Secretary of the School of Music and Instructor in Pianoforte.

Portland Division

Frances Striegel Burke, Chairman Portland Division and Professor of Pianoforte.

Abbie Whiteside, Professor of Pianoforte.

John Claire Monteith, Professor of Singing.

Pauline Miller Chapman, Professor of Singing.

Franck Eichenlaub, Professor of Violin.

Susie Fennel Pipes, Professor of Violin.

William Boone, Professor of Organ, Pianoforte and Composition.

Carl Denton, Professor of Organ, Pianoforte and Violin.

William H. Boyer, Professor of Public School Music.

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*Absent in the service of his country.

Aims

The Department of Music aims to provide a general cultural course for students who desire knowledge of music, and a more technical course of study for those who shall become teachers, composers or performers of music.

Courses of Instruction

The following courses are offered:

1. A major subject for the degree of Bachelor of Arts.
2. A course leading to the degree of Bachelor of Music.
3. A course leading to a certificate in public school music.

DESCRIPTION OF COURSES

Music as a Major Subject for the Degree of Bachelor of Arts

The courses listed for credit under the department, "The Science and History of Music," and six term hours of applied music are available for this purpose.

The Arts degree is recommended for all students desiring a broad foundation upon which future intensive specialization may safely rest. While the amount of credit received for applied music is small, it should be noted that entrance requirements of a musical nature are waived. Two private half-hour lessons per week with the accompanying practice are counted as one hour of credit. This arrangement permits two full years in the upper division to apply toward the A. B. degree.

Course Leading to the Degree of Bachelor of Music

As in the degree of Bachelor of Arts, 180 term hours and the prescribed physical training are required. The main difference between the two degrees is that more credit for applied music is allowed toward this degree, hence it is more suitable for those wishing to begin specialization at an earlier date.

	Piano hours	Voice hours
Major subject, piano, organ, stringed instruments, etc...	72	
Major subject, voice		36
Minor subject	9	9
Science and History of Music and allied subjects	30	30
Modern Language	27	
Modern Language (including one year of Italian)		48
English	9	9
Electives	33	48
Physical Training	6	6
Totals	186	186

Major and Minor Subjects

In case a student majors in voice or violin, his minor subject must be piano or organ.

In case he majors in organ, his minor subject must be voice, with an additional minor in piano.

Minor subjects may be continued as electives and in special cases a reasonable number of these excess hours will be deducted from the major requirements.

The student is urged to choose his electives from the College of Literature, Science and the Arts.

A public recital from memory is required of all the candidates for the degree of Bachelor of Music.

Upon entrance to the four years of piano work offered in the University, the candidate for the degree of Bachelor of Music must be thoroughly familiar with the major and minor scales, triads and arpeggios. He should have studied selections from the following (or similar) works: Heller op. 45, 46, 47; Czerny op. 299; Berens op. 61; Hanon, Schmitt, Spanuth, Zwintcher, etc. He must be able to perform intelligently one of the easier sonatas of Mozart, Haydn or Dussek, and a two-voiced invention or one of the easier fugues of J. S. Bach. Upon entrance to the four years of voice work offered in the University, the candidate for the degree of Bachelor of Music should have a knowledge of notation, tonality, intervals and rhythm,

and should be able to sing studies from Abt, Concone op. 9, Panofka op. 85, or their equivalent.

Upon entrance to the four years of violin work, the candidate for the degree of Bachelor of Music should be able to produce a good tone, to play in the first position with accurate intonation, to give an acceptable rendering of simple melodies, and to read at sight.

Upon entrance to the four years of work in wind instruments, including the flute, the candidate for the degree of Bachelor of Music should be able to read music, understand the mechanism of his instrument, know the correct fingerings, embouchure, breathing, and be able to play moderately difficult exercises and scales.

COURSE LEADING TO A CERTIFICATE IN PUBLIC SCHOOL MUSIC

In this course it is assumed that Public School Music is not a different kind of music and that "methods"—patented or otherwise—can never take the place of a knowledge of the thing to be taught. The student acquires his knowledge of the Science, History and Practice of Music, Pedagogy and other necessary subjects in regular course of the University. There is but one special course for the prospective Public School Music teacher. This is labelled for identification, "Public School Methods" and is listed as Course 12. It aims to assemble those things which a public school music teacher ought to know and to fuse and point them to a special purpose. The following are the minimum requirements for a certificate:

Ability to read and play moderately difficult choruses or accompaniments.

Two years' instruction in singing.

The elements of Musical Science, three terms.

Analysis of Music, two terms.

Musical History, three terms.

Sight Singing, three terms.

Public School Methods.

History of Education.

Principles of Education.

Choir experience.

Practice Teaching and Directing. This is afforded by the University High School, the Eugene public schools and the sight singing class.

THE SCIENCE AND HISTORY OF MUSIC

1. **The Elements of Musical Science**—A general course in the history, construction and treatment of harmonic forms. Work is done by means of lectures and recitations, and throughout the course great stress is laid upon the development of the ear. The first term deals with such topics as terminology, major and minor scales, intervals, major and minor triads, inversions—especially the "six-four chord"—general theory of harmonic progression, etc. The second term will be devoted largely to the study of dissonant combinations—especially seventh and ninth chords—open position, etc. Modulation forms the basis of the third term work. A thorough study will be made of foreign tones, contrapuntal chords, the augmented chords, enharmonic equivalents, modern scales and harmonizations, etc. The course aims to show that music is an experience rather than a clever collection of symbols. Professor LANDSBURY.

Three hours, throughout the year.

2. **Contrapuntal Analysis**—A study of the structural basis of the strict style in general and the inventions and earlier fugues of J. S. Bach in particular. Primarily a study of motive development. Professor LANDSBURY. *Three hours, one term.*

3. **Formal Analysis**—A study of the Musical Architecture of the free style, the career of the motive as influenced by the phrase, period and form, the song forms, developed ternary forms, etc. The sonatas of Haydn, Mozart, Beethoven, Schumann and Brahms will be used as texts. This is a very practical course for those wishing to know the basis of interpretation. Professor LANDSBURY.

Three hours, one term.

4. **Harmonical Analysis**—A study of the methods of harmonic reduction and expansion based upon the works of the classical and romantic composers. This course is very closely related to the one in Formal Analysis, with which it could be taken. Professor LANDSBURY.

Three hours, one term.

5. **Thorough Bass**—A course in the harmonization of basses and melodies (usually called "harmony") based upon the treatises of Emery, Richter, Jadassohn and others. This course will be ac-

cepted as a preparation for Counterpoint, but not as a substitute for Course 1. Professor LANDSBURY.

Two hours, throughout the year.

6. **Keyboard Harmony and Ear Training**—A course aiming to teach students how to think music in the terms of the piano. Prerequisite two terms of Course 1 or 5. Professor EVANS.

Two hours, one term.

7. **Counterpoint**—A practical course in constructive counterpoint. Considerable time will be spent on the so-called "Harmonic Counterpoint." By means of lectures and the examination of such texts as Fux, Cherubini, Bellerman, Richter and Goetschius, together with the works of Bach, Handel and Wagner, the significance of the rules of counterpoint will be explained. Professor LANDSBURY.

Two hours, one term.

8. **Double Counterpoint, Canon and Fugue**—A two-term course dealing with the principles of multiple counterpoint in general and the double, triple and quadruple counterpoints of J. S. Bach in particular; the simple types of finite and infinite canon in the practical intervals; simple, double and triple fugue, etc. While the work will be largely analytical in nature, students are encouraged to do as much actual composition as possible, and are required to produce specimens modeled after the patterns examined. Texts: Bridge, Prout, Higgs, Well Tempered Clavichord, art of Fugue, etc. Pre-requisites, Courses 1, 2 and 7. Professor LANDSBURY. *Two hours, two terms.*

9. **Free Composition**—A study of characteristic idioms of the free style; the variation, simple and developed song form; developed ternary form, the art song, etc. No definite course is outlined as the student is expected to devote his time to actual composition. Lectures will be given occasionally. According to demand the work will be extended. Not more than three will be permitted in the class. Prerequisite: Courses 1, 2, 3, 4, 6, 7, 8 and 10.

Two hours, each term.

10. **History and Appreciation of Music**—A course of lectures, together with supplementary research work, dealing with the evolution of music; its relation to the other arts and sciences, and its place

in a liberal education. A considerable part of the time will be devoted to the problem of intelligent listening. This course is recommended to those who wish to increase their capacity for understanding and enjoyment of musical literature and who are desirous of knowing upon what grounds and in what measure a musical work is to be judged. Throughout the course the victrola will be liberally used for illustration. Professor EVANS. *Two hours, entire year.*

1. **Class in Musical Interpretation**—This class will be open only to piano students of collegiate rank. The class will meet by appointment and the object will be to make a study of the standard literature. The characteristics of the various periods and composers will be noted. The work will be done by lecture, illustration and performance by members of the class. This course should appeal strongly to those who wish a wider knowledge of piano music than would be possible in a regular private course, and is especially designed for those intending to teach. Professor LANDSBURY.

Two hours, one term.

RELATED SUBJECTS

12. **Public School Methods**—This course aims to show how musical knowledge is adapted to the needs of the public school. The following and other points will be taken up:

Ways of arousing and holding interest.

Calls and scale songs for the unification of voices.

Development of the sense of pitch and rhythm through rote singing.

Phrasing and interpretation.

The various systems of music books and manuals used as texts.

The use of "do, re, mi" as "something to teach."

Direct presentation.

Practice in directing chorus work.

Use of the Victrola. Professor BECK.

Three hours, throughout the year.

13. **Sight Singing**—For the purpose of identification, the name "Sight Singing" has been retained, though it gives little clue to the character of the work done. A better name would be "The Practical Reading of Music." We do not read a language by laboriously

picking out individual letters—meaning comes from combinations. We read a word—sometimes a sentence. The analogy is evident. We do not read individual notes. Musical meaning comes from combination of tones. We read the symbols for a chord, figure or a motive, possibly a phrase. For this reason it must be evident that the symbols of reading by the "do, re, mi" method is absolutely discarded. However comforting such a system may be to the musically unequipped who must have "something to teach," it is inimical to the thought processes of the real musician and has no rightful place in any scheme of musical education. A pamphlet, "Shall We Have Music or Do, Re, Mi?" going into the details of the question, will be sent upon receipt of postage. Professor BECK.

One hour, throughout the year.

PIANOFORTE

The object of this course is to acquaint the student with the best literature of the instrument and to provide for him a technique which will be adequate for its expression. It is impossible to outline a formal course specifically covering each year which will meet the needs of all students. Instruction is given privately and is directed to the goal of well-rounded musicianship. Through the course, daily technical work is insisted upon. This takes the place of scale, chord, arpeggio and octave work, together with special problems, such as melody playing, double notes, etc. The following standard works are drawn upon, but others are selected when it is evident that they will better serve the immediate purpose:

Czerny, op. 299, 740, 335, 365.
Heller, op. 45, 46, 47, 16.
Loeschhorn, op. 67, 176.
Cramer, 50 selected studies.
Haberbier, op. 53, 59.
Jensen, op. 32.
Clementi Gradus.
Preyer, op. 35.
Kullak, op. 48.
Moscheles, op. 70, 73.
Moscheles Preludes.
Mozart Sonatas and Concertos.
Beethoven Sonatas and Concertos.
Chopin Etudes.
Schumann Etudes Symphoniques.
Liszt Etudes Transcendentals.
Paganini-Liszt Etudes.
Alkan Etudes.

Bach Two and Three Part Inventions, Preludes, Fugues, etc. Well Tempered Clavichord.

Selections from the works of Mendelssohn, Schumann, Schubert, Chopin, Brahms, MacDowell, Liszt, Ravel, Debussy, etc.

Concertos by Grieg, Saint-Saens, Schumann, Liszt, Chopin, Tschaikowski, etc.

As evidence of completion of this course, the student must give a public recital from memory which will conform, in the essentials, to the program suggested below:

A Prelude and Fugue from the Well Tempered Clavichord.
A Sonata of Beethoven, Schumann or Brahms.
A Group of Romantic and Modern Compositions.
A Brilliant closing number.

Singing

In outlining a course of study in this department, only a general idea of the work can be given, because so much depends upon the individual ability of the student. To prescribe a fixed, inflexible schedule would be unwise, if not altogether impossible. The purpose of the course outlined below is to perfect the voice, and to establish a musical understanding which will give the student independence and an ability to interpret music truthfully.

First Year—Practical tone work for the establishing of the ideal tone—known in general as "voice placing."

Second Year—Progressive tone work. Simple arias and English songs are given.

Third Year—Tone work for the further development of the voice. Advanced technique as given in various vocalisms. Arias from the Italian, French and German operas. The study of the Oratorio. A study of German song classics, and the modern French and English songs.

Fourth Year—Study for the perfection of vocal technique. During this year much time will be given to equipping the student with an adequate repertoire, and to giving him a general knowledge of the best songs of all periods, and a familiarity with the standard operas and oratorios. During the third and fourth years the student will be given frequent opportunities to sing in public, and at the close of the fourth year a recital will be demanded.

Organ

There are many legitimate ends toward which the study of the organ may be directed. No formal course can be outlined which will have the necessary flexibility. The needs of the individual student will be carefully considered. As in other courses of a similar nature, the literature of the instrument will be utilized whenever possible. Technical work will be condensed and every effort made to thoroughly familiarize the student with the resources of the instrument. Students must have reasonable facility upon the piano before beginning its study. A beautiful three manual Austin organ is available for practice.

Violin and Ensemble

Winifred Forbes

Great stress is laid upon the ability to produce a full round tone with bowing and intonation. The method of instruction used is based upon the teachings of Sevcik and other recognized authorities. The following outline will give an idea of the scope of the course:

First Year—Kayser Etudes, Books I and II. Sevcik's "Bowing Exercises." Pieces by Bohm, Cin, Weidig, Papim, Saury.

Second Year—Mazas Special Studies, Sevcik's "Bowing Exercises," Sevcik'sExercises preparatory to double-stopping and changing of positions. Dout Etudes, Preparatory to Kreutzer, pieces by Gade, Aulin, Milnarski, Portnoff and Richter.

Third Year—Kreutzer Etudes, Sevcik's Opus 1, Books III and IV. Sonatas by Mozart and Handel. Suite by Ries, pieces by Wieniawski, Saint Saens and Hubay.

Fourth Year—Fiorillo Etudes, Rocle Caprices, Sevcik's Exercises in double-stopping. Concertos by DeBeriot, Viotti, Mendelssohn or Bruch.

Ensemble Classes

All instrumentalists realize the necessity of cultivating facility in sight singing and an ability to play acceptably with others. This need is met with the organization of ensemble classes (small groups of three or four violins, with or without pianos), rehearsing once a week. These classes, under Miss Forbes, will be given graded com-

positions selected from the best classic and modern musical literature, and offer exceptional advantages for drill in sight-reading, technics and interpretation.

Accompanying

The study of accompanying under Miss Forbes is open to piano students of some degree of advancement. The study of violin and piano compositions of a suitable degree of difficulty will be undertaken, with special attention to the playing of sonatas, classic and modern.

Wind Instruments

The aim of this department is a very practical one. In addition to the value of artistic proficiency upon any of the instruments, there is a growing demand for University trained men to organize and conduct bands in connection with high school teaching. The following outline is suggestive:

First Year—Scales in different forms practiced with various articulations. Exercises for acquiring variety of phrasing and expression. Technical and melodious etudes.

Second Year—Double and triple tongueing, choice exercises and studies. Phrasing and expression, standard and operatic melodies. Recreative solos and etudes.

Third Year—Grand artistic duets, technical studies, transposition. Special attention to tone quality, poise and expression. Cadenzas, standard and operatic overtures and solos.

Fourth Year—Technical studies by Arban, Baermann, Lazarus and Klose. Air varies and artistic solos with accompaniment. Concertos, duets, etc.

Arban's and Baerman's methods used.

Conducting Band

In most cases where a position as teacher is open, a man who knows how to organize, instruct and direct an amateur band is preferred.

Any player of wind instruments with three or four years' experience is offered a course in amateur band directing and drilling.

A complete knowledge as to the pitch of each instrument, and

how to handle the baton correctly in all the various movements, will be taught in this course.

Phonograph records will be used and the student pursuing this work will be given the baton occasionally at the regular rehearsals by the University band.

This course in connection with the course in arranging for band will prove to be very beneficial. Terms furnished on application.

Flute.

The flute is an instrument of great beauty and splendid possibilities. Aside from its value as a solo instrument, it offers the opportunity through the medium of the band or orchestra, of becoming acquainted with the great musical literature of the world. The following course is offered:

First Year—Boehm's system of lip manipulation in pp and ff passages; crescendo and minuendo, ascending and descending; scales; arpeggios. Koehler's Studies, Opus 31, Book I; Arthur Brooke's Method, Part II; Schumann's "Traumerei"; Bach's Air in D, etc.

Second Year—Trills, turns, grace notes, etc. Double tongueing; silent practice; interpretation; Romantic Etudes, Koehler, Op. 66; Boehm's Studies, Op. 15; Boehm's Studies, Op. 26; Kuhlan duets for two flutes; Allegretto, Godard, Op. 116; Andalouse, Pessard.

Third Year—Sight reading; Memorizing; Cadenzas; Triple tongueing; "Flatterzunge"; Harmonics; Auxiliary fingerings; Affectation not expression; Boehm's Etudes with piano, Op. 37; Anderson's Studies, Op. 15; Souvenir des Alpes, No. 1, Boehm; Bird in the Forest, Dappler; Kuhlan's trios for three flutes.

Fourth Year—General ensemble playing; Obligatos with voice; orchestra playing; Prill's and Barge's Orchestra Studies; Transposition; Schindler, Forty Studies, Book II; Carl Wehner, Twelve Exercises; School of Virtuosity, Anderson, Op. 60; Oberon Fantasie, Demersseman; Symphonic Poem, Peter Benoit.

ORGANIZATIONS

Glee Clubs

Two of the most popular student organizations on the campus are the men's and women's glee clubs. The Men's Glee club is com-

posed of twenty members and the Women's Glee club of twenty-four members. In each glee club one substitute for each part is allowed to practice with the club and to take part in home concerts and all student affairs as a member of the glee club, but does not have the privilege of taking trips. The position of substitute is competitive, and any member of the club may be assigned at any time to substitute position.

During the school year each club takes a trip of nearly a week's duration, besides several shorter trips. The glee clubs are under the management of the graduate manager of student affairs.

University Band

The University band is open to all players of band instruments who can pass the preliminary examination. The band plays at various athletic contests, rallies and other student affairs, and gives several concerts during the course of the year. A trip will also be undertaken. The band is under the leadership of Mr. Albert Perfect, instructor in wind instruments.

University Choir

The University choir is composed of the two glee clubs, and is formed for the purpose of providing adequate music for the University vesper services and for giving its members an opportunity to learn the best in sacred choral music.

University Orchestra

An unusual opportunity is offered to members of the University Orchestra in the acquiring of technical and interpretive knowledge and experience through the rendition of high grade orchestral composition of both classical and modern schools.

This very successful organization is an important factor in the development of discriminating musical taste in its members and in the public at large. The organization gives a concert each season, assists on various programs given at Eugene and during the past season gave two out-of-town concerts.

Members are admitted without fee upon passing a preliminary examination. One semester hour of credit per year is granted for regular attendance at orchestra rehearsals.

EXPENSES

LIVING

The cost of living at the University of Oregon naturally varies with different individuals, but is in general comparatively low. The average cost of board and room in private families and in fraternity and sorority houses is about twenty-five dollars per month. In the dormitories maintained by the University it is even less.

RATES OF TUITION

The school year is divided into three terms of twelve weeks each. Private lesson periods are one-half hour. The following rates are for the full term.

	One lesson per week	Two lessons per week
PIANO		
Dean Landsbury, Mrs. Thacher	$22.50	$40.00
Mr. Annett, Mr. Evans	$17.50	$30.00
Miss Watkins, Miss Fariss, Miss Davis	$12.50	$24.00
VOICE		
Mr. Faguy-Cote	$22.50	$40.00
Mrs. Middleton	$17.50	$30.00
ORGAN		
Mr. Evans, Dr. Wheeler	$22.50	$40.00
VIOLIN		
Miss Forbes	$17.50	$30.00
BAND INSTRUMENTS		
Mr. Perfect	$12.50	$24.00
FLUTE		
Mr. Badollet	$17.50	$30.00
SCIENCE AND HISTORY OF MUSIC AND PUBLIC METHODS		
Class lessons (2 and 3 per week)	$ 9.00	
Private lessons	$22.50	$40.00
ENSEMBLE		
Class lessons (3 or 4 in class)	$ 9.00	

ACCOMPANYING

Private lessons $ 9.00

SIGHT SINGING

Class lessons No tuition fee

RENT OF PIANO OR ORGAN

Piano, one hour per day, per term of twelve weeks $3.00
Piano, one-half hour per day, term of twelve weeks $1.75
Over two hours per hour per term $2.50
Organ practice per hour .....$ .30

IMPORTANT INFORMATION

In the interest of good service and good results, the following rules (generally observed throughout the country) have been adopted:

Tuition is payable strictly in advance.

No refunds will be allowed in the case of tuition for class work.

No tuition will be refunded for private lessons missed excepting in case of protracted illness, when the School will share the loss equally with the student.

Lessons missed by teacher will always be made up.

As a matter of courtesy, teachers will be found ready to accomodate students whenever possible.

The School of Music follows the University calendar, the rates of tuition taking account of vacation periods.

SELF HELP

There are many ways in which a student may help himself while attending the University. It is much easier of course to arrange such things after entering but information along this line may be had by addressing the secretaries of the University Christian Associations.

THE PAUL ALLEN CLAWSON MEMORIAL SCHOLARSHIP

This scholarship is awarded to that student in the Upper Division who has been conspicuous for personal worth and achievement. Information may be had upon request.

For information in regard to living and incidental expenses and for special Music Bulletin, address the Registrar of the University.

THE EXTENSION DIVISION

The modern state university is coming to be regarded more and more as belonging to the people at large who support it, organized and administered to serve their higher educational interests. The University of Oregon recognizes that it is responsible for more than the instruction of the students who come to its immediate campus: that its wider duty is to provide for the people of the state opportunities to acquire educational benefits from its faculty and other repositories of organized information and instruction, and to communicate to them truth discovered through research and original investigation.

The Extension Division holds itself out as the distributing agency for educational material which the University has been able so far to organize for the use of the general public. It is further the University's active representative in the state, serving in every way those who cannot attend educational institutions, stimulating and guiding them in their efforts to acquire a better education. Through some one or more of the several activities of the Extension Division here described every person in the state may connect with the University.

Extension Organization

The Extension Division is organized at the present time in two departments upon the basis of its two major interests: the department of Extension Teaching, and the department of Social Welfare. The department of Extension Teaching concerns itself with instruction through correspondence study, extension classes in Extension Centers, and the work of the Teachers' Reading Circle. The other activities of the Division, including the Visual Instruction Service, the Lecture Service, and the Bureau of Public Discussion are administered through the department of Social Welfare.

FACULTY

President of the University, P. L. Campbell, B. A., LL. D.
Director, Earl Kilpatrick, B. A.

Department of Extension Teaching

Secretary, Mozelle Hair.
Portland Office Manager, Mrs. Stella W. Durham.

CORRESPONDENCE COURSES

Faculty:

PERCY PAGET ADAMS, B. S.
Mechanical Drawing
Descriptive Geometry
Freehand Drawing

E. S. BATES, Ph. D.
Contemporary Poets

JOHN FREEMAN BOVARD, Ph. D.
Biology of the Bird

WILLIAM PINGRY BOYNTON, Ph. D.
College Physics
Electricity and Magnetism
Sound and Music
History and Teaching of Physics
Elementary Physics

ROBERT CARLTON CLARK, Ph. D.
European History Since 1815
English History
General European History

EDMUND S. CONKLIN, Ph. D.
Elementary General Psychology
Abnormal and Borderline Psychology

EDGAR EZEKIEL DECOU, M. S.
Differential Equations
Integral Calculus
Teaching of High School Mathematics

A. P. R. DRUCKER, M. A.
Principles of Accounting

JAMES HENRY GILBERT, Ph. D.
The Principles of Economics
Money and Banking

CELIA V. HAGER, B. A.
Elementary General Psychology
Abnormal and Borderline Psychology
(In co-operation with Dr. CONKLIN)

HERBERT CROMBIE HOWE, B. A.
English Novel in the Nineteenth Century
Socially Significant Literature
Contemporary Novelists
(In co-operation with Miss WATSON)

JOHN C. ALMACK, B. A.
Education

D. WALTER MORTON, M. A., C. P. A.
General Organization of Business
Salesmanship
Bookkeeping and Accounting Principles

MABLE HOLMES PARSONS, M. A.
Short Story
Advanced Short Story Writing
Teachers' English, Course 2
MARY HALLOWELL PERKINS, M. A.
Entrance English Composition
College English Composition
College American Literature
The American Short Story
ROBERT W. PRESCOTT, B. A.
Debating
GEORGE REBEC, Ph. D.
Philosophy
MARY LOWELL REBEC, B. A.
Theme Writing
JOSEPH SCHAFER, Ph. D.
Oregon History
American Political History
FRIEDRICH GEORG G. SCHMIDT, Ph. D.
Elementary German, First Year
Elementary German, Second Year
HENRY DAVIDSON SHELDON, Ph. D.
School Administration
WARREN D. SMITH, Ph. D.
Geology
FRED. L. STETSON, M. A.
Botany
W. F. G. THACHER, M. A.
Business English
IDA V. TURNEY, M. A.
Teachers' English, Course 1
Short Story
MARY WATSON, M. A.
Shakespeare
Contemporary Novelists
(In co-operation with Prof. HOWE)
FREDERICK GEORGE YOUNG, B. A.
Sociology
Railroad Transportation
Economics of Business Organization

EXTENSION CLASSES

PERCY PAGET ADAMS, B. S.
Descriptive Geometry (3 sections)—Portland
Graphic Statics (2 sections)—Portland
ROBERTO ALLENDES
Beginning Spanish —Portland
Advanced Spanish—Portland

John Freeman Bovard, Ph. D.
Biology of the Bird—Eugene
Biology of the Bird—Portland

H. F. Boyce
Foreign Trade—Portland

Burchard Woodson De Busk, Ph. D.
Child Psychology—Albany, Portland and Salem

Jeanne de la Barthe
Beginning French—Portland
Advanced French—Portland

Roswell Dosch
Drawing from Life—Portland
Modeling from Life—Portland
Artists and Art Epochs—Portland

F. A. Freeman
Investment Banking—Portland

E. W. Hope, Ph. D.
Law of Contracts—Portland

Shad O. Krantz
Foreign Trade—Portland

John J. Landsbury, Mus. Bach., Mus. Dr.
Musical Understanding—Portland
Musical Analysis—Portland
Harmony—Portland

D. W. Morton, M. A., C. P. A.
Commerce

E F. Lawrence, M. S.
Architectural Design

J. P. O'Hara, Ph. D.
European History—Portland

Mable Holmes Parsons, M. A.
European Drama—Portland
Short Story—Portland
Teaching of English—Portland
Current Literary Topics—Portland
Recent Literature—Portland
Modern Drama—Portland

R. W. Prescott, B. A.
Public Speaking—Portland

George Rebec, Ph. D.
Philosophy—Portland
History of Philosophy—Portland
Philosophical Seminar—Portland

A. F. Reddie, B. A.
Dramatic Interpretation—Portland

Louis C. Rosenberg
Pen and Pencil—Portland

H. D. Sheldon, Ph. D.
Vocational Guidance—Portland
Current Problems in American Education—Portland
Albert Raddin Sweetser, M. A.
Botany—Portland
Norman C. Thorne
Chemistry
Edward N. Weinbaum
Foreign Trade—Portland
Esther Wuest
Public School Art—Portland

DEPARTMENT OF EXTENSION TEACHING

Mozelle Hair, Secretary

This department has to do with instruction through correspondence-study, with extension class teaching, and with the teachers' reading circle work.

The University of Oregon provides correspondence courses for citizens of the state who want to study systematically, but who find it inconvenient or impossible to attend an educational institution. Through correspondence study, courses for graduate and undergraduate college credit and for entrance credit are given in botany; commerce (six courses); debating; architectural drawing (three courses); economics and sociology (eight courses); education (eight courses); English (seven courses); geology (two courses); German (first two years); history (six courses); literature (eight courses); mathematics (eleven courses); philosophy; physics (five courses); physiology; psychology (three courses); Spanish; and zoology (bird study.)

Other new courses that are in preparation are: recent economic and social changes in England and America; the history of China; child welfare, and educational problems of the war.

In cooperation with the Oregon State Normal school a series of courses has been outlined which will enable teachers to complete approximately one half year of Normal work through correspondence. Credit earned in these courses included in this series are: the American Republic, American political history, contemporary English novelists, elementary physiology, elementary psychology, teaching principles, and child study.

The Extension Division issues a special catalog of correspondence courses. Write for it if you are interested.

Extension classes are given in centers of population where a sufficient number of people interested in University work gather and request the services of an instructor. As this work must be done largely by regular campus instructors during hours taken from their leisure, the number of such classes that can be given is limited. Successful classes have been held in Portland, Salem, Albany, Astoria, Marshfield, Pendleton, La Grande, Baker and Eugene.

Teachers' Reading Circle

Reading circle work for Oregon teachers is based upon books chosen by the State Superintendent of Public Instruction. Every teacher in the state not engaged in teaching within a first-class district is required to do this work. Outlines and questions prepared by the Department of Extension Teaching may be used as bases for papers to be submitted to this department for review. For each paper that is found satisfactory the department issues a certificate of reading done that is accepted by county superintendents throughout the state as evidence of compliance with the statutory requirement on the part of the teacher submitting it. For the list of the books for the present year, information concerning the requirements, and the groups of questions prepared for the books, write to the Secretary of the Department of Extension Teaching.

THE DEPARTMENT OF SOCIAL WELFARE

This is the department through which the University exercises in the extension field its functions of dissemination of the fruits of research and original investigation, and of carrying the work of the University, other than that having to do directly with instruction in extension courses and extension classes in extension centers, directly to the people of the state. The chief activities of the department as they are at present developed have to do with general extension lecture work, visual instruction through educational lantern slides and motion picture films, promotion of public discussion of important social, industrial and educational problems, the de-

velopment of high school debating interests, community welfare, child welfare, cooperation with the alumni in enlarging the usefulness of the University, and at the present time, and for the period of the war at least, cooperation with the American Red Cross in Oregon for developmental activity and propaganda.

ORGANIZATION OF THE DEPARTMENT

Secretary
GUY E. DYAR, B. A.

Chief of Bureau of Community Music
JOHN J. LANDSBURY, Mus. Bach., Mus. Dr.

Chief of Bureau of Public Discussion
R. W. PRESCOTT, B. A.

Child Welfare Commission of Oregon and Special Committee Under Senate Resolution Number 21 of 1917 Legislature

EARL KILPATRICK, B. A., ex-officio Chairman
GEORGE REBEC, Ph. D. EDMUND S. CONKLIN, Ph. D.
B. W. DE BUSK, Ph. D. ELIZABETH FOX, Dean of Women

The extension lecture work for the coming year will be organized to meet the probable demands and needs of groups of people who by reason of their associated interests and special organization provide the University with opportunity for definite and constructive work. Following will appear a list of available speakers, with a suggestive list of titles. Within the period of the summer months special announcements of subjects and lectures will be prepared for distribution giving notice to typical groups of interested persons what lecture service will be at their disposal. The service will commend itself to the following standard associations and organizations: teachers' institutes, county and local; parent teacher associations; high school assemblies; literary, dramatic, scientific and musical clubs, and other cultural societies; commercial clubs and business men's associations; labor organizations, and other associations of employees; churches and kindred societies. Lecture lists and other information for prospective users of the lecture service may be had from the Secretary of Social Welfare.

Lecture List

Eric W. Allen, B. A.
The Newspaper and the Community

E S. Bates, Ph. D.
Topics in Literature of Interest to Literary Clubs and Drama Leagues.

John F. Bovard, Ph. D.
Lectures upon Subjects of Biological Interest

Edmund S. Conklin, Ph. D.
Some Physical Conditions of Mental Efficiency.
Worry
Maintaining Mental Poise
Our Mental Inheritance
Some Characteristics of Youth
Technique of Vocational Guidance

B. W. De Busk, Ph. D.
Our Physical Unpreparedness
Mental Conflicts and Undesirable Conduct
Mental Hygene for the Normal Child
The Misfit Child
Factors that Affect Efficient Learning
The Hygene of the School Environment

E. E. De Cou, M. S.
Ultimate World Peace and the World War
Twentieth Century Canada
The Teaching of High School Mathematics
Choosing a Life Work

F. S. Dunn, M. A.
The San Garael of Today
The Spartan Shield
And So We Came to Rome
Rambles in the Classics
Vergil's Aeneid
The Iliad and the Odyssey
Greek Temples
The Passing of Old Rome
Christmas in Fact and Fancy
The Origin of Easter

Guy E. Dyar, B. A., Extension Division
"These Things Bane Got to Stop"
Tommies and Sammies in France (with stereopticon)
Lessons of the War in the Schools
German Propaganda in America
The Kaiser's God
Democracy in American Literature
Poetry of the War
Oregon Writers

C. H. Edmondson, Ph. D.
Japan
China and Her Problems
Insects and Disease
Prehistoric Life in America
Tahiti of the South Seas
The Salmon Fisheries of the Northwest

Elizabeth Fox, Dean of Women
What Men Live By
Student Life at the University of Oregon
Opportunities Open to Women in Social Welfare

J. H. Gilbert, Ph. D.
Democracy and Education
Chief Obstacles to World Peace
League to Enforce Peace
Taxing the Unearned Increment
Financing a Great War
Syndicalism and the I. W. W.

E. W. Hope, Ph. D.
Subjects of Interest to Bar Associations and Commercial Organizations

John J. Landsbury, Mus. Bach., Mus. Dr.
A Peep Into the Workshop of Music
Community Sings
Mathematics of Music
The "How" of Composition
Music and Poetry
A Study in Temperament
And Others

Earl Kilptrick, Director of the Extension Division
Educational Problems of the Small Town
The Evolution of the Oregon Community
Shall We Let the War into the School?
The Red Cross
Getting Ready to Live in a New World
(Community Problems)

D. W. Morton, M. A., C. P. A.
The Value of an Education
Educational Problems in the Reconstruction Period

Mable Holmes Parsons, M. A.
Social Inhibitions with Relation to Literary Types
The Need of Little Plays
Creative Ability in Secondary Schools
The Spirit of France in Literature

MARY HALLOWELL PERKINS, M. A.
Topics in Literature

JOSEPH SCHAFER, Ph. D.
Topics in History and Social Problems
What's Wrong with the World?
Community Building

H. D. SHELDON, Ph. D.
Mob Mind and Its Cure
Psychology and Pedagogy of Leadership
Some Superstitions Concerning Schoolmasters
What History is Worth While in Education
Education to Meet German Competition
American Scholarship in the Present Crisis

WARREN D. SMITH, Ph. D.
Philippine Islands
China and Japan
Egypt
Geological Subjects

O. F. STAFFORD, M. A.
Methods for the Utilization of Wood Waste
The Production of Chemicals and Metals by the Use of Hydro-Electric Power
Chemistry and the War
Lectures in Popular Science

FRED L. STETSON, M. A.
Developements and Opportunities in Supervised Study
Growing Tendencies in Secondary Education and their Significance
Conservation and Development in Education.

JOHN STRAUB, Ph. D.
Educational Values
Service

W. F. G. THACHER, M. A.
The Story-Teller—His Place in Literature
The Art of O. Henry
The Short Story as an Expression of Americanism
The Genius of Joseph Conrad
Interpretative Readings from Contemporary Poets—Masters, Masefield, Gibson, Amy Lowell, Oppenheim, Lindsay, and others

FREDERICK GEORGE YOUNG, B. A.
Rural Planning and Development
Full Significance of Adequate Transportation Facilities in Oregon and How They May be Attained
The Teacher as the Community Engineer

Visual Instruction

One of the most important and rapidly growing services of the Extension Division is that offered through the Bureau of Visual Instruction to the schools and communities of the state. The visual instruction material consists of stereopticon slides, films, industrial exhibits, rock and mineral sets, and microscopic slides. Many schools and communities of the state possessing lanterns are organized into circuits, weekly slide service being thereby furnished in each district. The slide sets are educational, interesting, and very much worth while. Each set is accompanied by a syllabus, or lecture, prepared under the direction of the Secretary of Social Welfare. A hundred different slide sets have been in use within the past year. These will be very considerably increased in number and variety this summer in preparation for the expected large demand of next year. A number of new and interesting war pictures, featuring Americans in France, are being purchased from the government. Information, including lists of titles, plans for forming circuits. and the like, may be had from the Secretary of Social Welfare. Those contemplating the purchase of a stereopticon or other projection device may procure information here also.

The film service is also increasing. Thirty different subjects have been provided for the service so far, and it is hoped that this number may be increased for the coming year.

There are now on hand a very creditable number of industrial exhibits, and new subjects are being constantly added. Many of these are the large, fine, very carefully and expensively prepared trunk exhibits furnished through the courtesy of large manufacturers. They are all particularly interesting and of high educational value for both grade and high school pupils. Information will be furnished upon request.

Bureau of Public Discussion

The purpose of this department is to promote the public discussion of important social, economic, and industrial problems, to suggest problems for study and discussion, and to assist in every way possible in the success of such programs. The chief of this bureau is also Secretary of the High School Debating League.

Announcements, the special debate catalog, and other information may be had from Mr. Bert W. Prescott, Bureau Chief.

Bureau of Community Music

This bureau was newly organized a year ago with Dr. John J. Landsbury, Dean of the School of Music, as Chief. The aims of this department are as folows: To provide a library of musical records for distribution to the schools of Oregon in the manner of the visual instruction service; to promote the holding of "Community Sings", to suggest programs therefor, and to assist in making them a success; to standardize the work of the music teachers of the state, and, in cooperation with the State Music Teachers Association, of which Dr. Landsburry is now president, to promote a socializing influence through music in the state of Oregon. Information may be had from Dr. Landsbury at the School of Music.

Child Welfare

Under the authorization of Governor James Withycombe, and by him pursuant to a legislative enactment, the Child Welfare Commission is now doing its work through the agencies of the Extension Division. At the expense of this Division, and at its suggestion, Dr. W. H. Slingerland, special investigator for the Russel Sage Foundation, is at the time of publication making a survey of all the institutions and organizations having anything to do with child welfare preparatory to a report which will be used as a basis for commending to the legislature such enactments as may further promote child welfare in the state of Oregon. Information concerning the progress of this investigation and the report may be had at any time from the Director, or Acting-Director of the Extension Division.

Cooperation with the Red Cross

The Extension Division very early in the first year of the war offered its services to the American Red Cross for cooperative work in development and propaganda. Mr. Earl Kilpatrick, Director of the Extenson Division, has since gone to Seattle under leave of absence and is now Director of the Bureau of Develop-

ment for the Northwest Division of the Red Cross. Mr. Alfred Powers, formerly Secretary of Social Welfare, and recently Acting-Director, has been until his recent entry in the Reserve Officers' Training Corps at Camp Lewis, Field Representative for the Red Cross in Oregon. Mr. Guy E. Dyar now succeeds him in that work. Mr. Dyar will be available for Red Cross lectures upon the following and other topics:

The First Hundred Million
Home Service Work of the Red Cross
The Junior Red Cross
The Red Cross in Action (with stereopticon)

RED CROSS EXTENSION COURSES

It is hoped that following the summer school course in the Red Cross Home Service and the Junior Red Cross the work may be continued by way of extension teaching courses in each of these important fields of Red Cross work. The services of Dr. Joseph Schafer, Dr. B. W. De Busk, Professor Robert Max Garret, Director of the Junior Red Cross of the Northwestern Division of the Red Cross, Prof. A. R. Sweetser, and Mr. F. P. Foisie, Director of the Bureau of Civilian Relief of the Northwestern Division of the Red Cross, will be available for the assistance in the preparation of these courses, and it is hoped that the people of Oregon will avail themselves of the opportunity to become informed upon and especially prepared for service in this most important Red Cross work. Address Guy E. Dyar at the Extension Division for information.

PUBLICATIONS OF THE EXTENSION DIVISION

The Extension Monitor, the organ of the Department of Extension Teaching, is a monthly magazine sent to all registered students and to others interested in the articles published.

The Oregon Leaflet Series is a monthly publication used for announcements, and brief monographs. Its mailing list varies with its subject matter.

The Division also publishes annually a catalog of its corre-

spondence-study courses, one or more announcements of its extension classes, a statement of the material available through visual instruction, a report of the child welfare commission, and a bulletin of the Oregon High School Debate League. These publications are available upon request.

EXTENSION COURSES FOR MEN IN SERVICE

The Extension Division offers its educational advantages without cost to all men in the army and navy of the United States. Registration in the department of correspondence study is particularly invited.

SUMMER SCHOOL

THE FACULTY

P. L. CAMPBELL, B. A., LL. D., President of the University of Oregon.

JOSEPH SCHAFER, Ph. D., Professor of History, University of Oregon, and Director of the Summer School. Instructor in American History.

RICHARD W. BORST, Professor of Economics, Junior College, Sacramento, California. Instructor in Vocational Guidance.

W. H. BOYER, Supervisor of Music, Portland Public Schools. Director of Music.

WILLIAM PINGRY BOYNTON, Ph. D., Professor of Physics, University of Oregon. Instructor in Physics.

HENRY E. BOURNE, B. D., L. H. D., Professor of History, Western Reserve University. Instructor in History.

A. E. CASWELL, Ph. D., Professor of Physics, University of Oregon. Instructor in Physics.

ROBERT CARLTON CLARK, Ph. D., Professor of History, University of Oregon. Carnegie Foundation Lecturer in Latin-American History and Latin-American affairs.

TIMOTHY CLORAN, Ph. D., Professor of Romance Languages, University of Oregon. Instructor in French and Spanish.

EDMUND S. CONKLIN, Ph. D., Professor of Psychology, University of Oregon. Instructor in Psychology.

MISS CAROLINE COPPLE, Assistant in Music.

B. W. DEBUSK, Ph. D., Professor of Education, University of Oregon. Instructor in Education.

EDGAR E. DECOU, M. S., Professor of Mathematics, University of Oregon. Instructor in Mathematics.

JAMES HENRY GILBERT, Ph. D., Professor of Economics, University of Oregon. Instructor in Economics.

ROBERT C. HALL, Assistant Professor in Journalism, University of Oregon. Assistant in Journalism.

HERBERT CROMBIE HOWE, B. A., Professor of Modern English Literature, University of Oregon. Instructor in English Literature.

CHARLES C. HUGHES, Superintendent of Schools, Sacramento, California. Instructor in School Administration.

LIEUTENANT-COLONEL JOHN LEADER, Commandant and Professor of Military Science for the period of the war, University of Oregon. Instructor in Military Science.

O. CLARENCE MAUTHE, Director of Physical Education, Multnomah Amateur Athletic Association, Portland. Director of Physical Education.

HENRY HUNTINGTON POWERS, Author and Lecturer, Newton, Massachusetts. Lecturer in History and in History of Art.

G. M. RUCH, B. A., Instructor University High School, University of Oregon. Instructor in General Science Course for Teachers.

KIRKMAN K. ROBINSON, Ph. D., Clark University graduate in Philosophy. Lecturer in Philosophy.

FRIEDERICH GEORG G. SCHMIDT, Ph. D., Professor of German Language and Literature, University of Oregon, Instructor in German.

FREDERICK L. SHINN, Ph. D., Professor of Chemistry, University of Oregon. Instructor in Chemistry.

ORIN F. STAFFORD, M. A., Professor of Chemistry, University of Oregon. Instructor in Chemistry.

FRED L. STETSON, M. A., Professor of Education, University of Oregon. Instructor in Education.

ALBERT RADDIN SWEETSER, M. A., Professor of Botany, University of Oregon. Instructor in Botany.

W. F. G. THACHER, M. A., Professor of English, University of Oregon. Instructor in English.

LILIAN TINGLE, Director Department of Household Arts, University of Oregon. Lecturer on Food Administration.

GEORGE TURNBULL, B. A., Professor of Journalism, University of Oregon. Instructor in Journalism.

ROY MARTIN WINGER, Ph. D., Professor of Mathematics, University of Oregon. Instructor in Mathematics.

ESTHER W. WUEST, Supervisor of Art, Portland Public Schools. Instructor in High School Art for Teachers.

FREDERIC G. YOUNG, B. A., Professor of Economics and Sociology, University of Oregon. Instructor in Sociology.

GENERAL INFORMATION

The fourteenth annual summer session of the University of Oregon will open Monday, June 24, and close Friday, August 2. Lectures will begin on the opening day at 8:00 o'clock.

A War Time Summer School

The activities of the University summer school will this year be shaped to meet the demands of the war situation. This does not mean that the regular college courses, adapted to the needs of those who are working toward a college degree, will be lacking. The usual courses will be given as fully and strongly as in previous years. But the University, feeling its responsibility as a public institution for service both to the nation and the state, has provided for a considerable range of additional work with special reference to the demands of those teachers, and others, who are preparing for special service of one kind or another connected with the war. The lines along which these special courses are given are the following:

(1) Special courses in military science for men preparing directly for military service in the field.
(2) War service work for women along the lines of food conservation and Red Cross.
(3) Special opportunity for the preparation of women teachers in subjects usually taught by men in order that the high school vacancies caused by the enlistment of men in the army may be adequately filled.
(4) Special emphasis upon physical education, both for intending soldiers and for high school and grade teachers.

The Effect of the War on Teaching

The number of vacancies in high schools caused by the war is already large, and is growing at a rapid rate. When schools open in the fall several hundred places heretofore filled by men must be taken over by women teachers. These vacancies are occurring in almost every department of high school work. Perhaps they are more numerous in mathematics, science, history, civics and commercial subjects than in other lines.

In preparing our summer school offerings we have had regard for this fact, and have provided the best practicable opportunities for teachers already partially prepared to fit themselves for high school service where they will be most in demand. The Department of Mathematics, the Department of Physics, the Department of Biology, and the Department of History are all offering special courses in the methodology of their respective subjects, while the school of education is contributing courses designed to help women and men not fully equipped to get ready for principalships and other supervisory offices.

It is not yet known to what extent the war shall cause the supervisory work of teaching to be taken over by women. But there is no doubt that if it lasts much longer a very large percentage of all principalships, together with many of the superintendencies, will pass into women's hands. Recognizing this probability, the summer school is providing not merely a considerable variety of important courses in educational science, but also several courses in the practical problems of school supervision. For the last-named courses we have secured the services of a distinguished and highly successful superintendent of schools, Mr. C. C. Hughes, of Sacramento, California.

Teachers Preparing for War

Doubtless several hundred men are still engaged in school work in the rural schools, the grades, and high schools of Oregon, who are expecting to answer the call to military service within a longer or shorter time. These men, well educated, with experience in active life, under conditions developing a sense of responsibility, furnish one of the sources from which the governemnt will recruit the large number of non-commissioned and commissioned officers needed for the growing national army. It will be to their advantage as well as to the nation's advantage that they acquire as rapidly as possible the requisite preliminary military training. Information already at hand proves that the men teachers of the state are demanding an opportunity during the summer school to secure this military training. By rare good fortune the University will have in Lieutenant-Colonel John Leader, late of the Sixteenth Irish Rifles, an ideal officer for the training camp.

The physical training work for men is to be coordinated as far as may be with the military training. We have secured, as director

of this work, Professor O. Clarence Mauthe, who has had a wide and varied experience as gymnasium director and teacher of physical education, having been in full charge of the work at the Stout Institute, Menomonie, Wisconsin, during a series of years, having taught teachers of physical education at Harvard summer school, the summer school of the University of Illinois and the summer school of the University of California. During the past year Mr. Mauthe has directed the physical training at the Multnomah Amateur Athletic club, Portland.

The War and the Courses

The war being the supreme fact of our time, it is the duty of an educational institution not merely to develop a right attitude toward the war on the part of all American citizens coming under its influence, but to afford to its students an interpretation of the war such as may be serviceable in enabling them in their turn to influence the minds of other citizens. It is of particular importance that all public school teachers should be both patriotic in the highest sense and intelligent in their presentation of matter calculated to inspire patriotism in their pupils and among the people of their communities. It is the desire of the University of Oregon summer school that no one shall leave the institution in August without carrying away a conviction both of the profound justice and of the world importance of the struggle, in which our country is now engaged.

To this end we have called to the University for the summer session one of the acknowledged masters in the study of the present world problem, Dr. Henry Huntington Powers, of Newton, Massachusetts. Dr. Powers will lecture on the general subject of America and the World War. Dr. Powers is the author of several important books on the war, and he is a lecturer of extraordinary gift and attractiveness.

The other courses in the history department will also concern themselves with the problem of the war, and there will be a number of lectures of a public nature in addition to the lectures by Dr. Powers, which will have the war as their main theme. Attention may be called to a lecture by Mr. F. P. Foisie, Director, Civilian Relief, Northwestern Division, Red Cross. All of the lectures of Dr. Kirkman K. Robinson will bear upon the ethical problem of the war. The

public lectures by Professor Henry E. Bourne will bring to bear the light of earlier history towards the understanding of several fundamental processes connected with the conduct of the war, such as financing, feeding armies and populations, transporting supplies, etc. Both the European history courses and the American history courses will deal with the diplomacy of the war, and the historical department will conduct a special seminar for the discussion of current war problems.

War Cooperation

The summer school faculty stands ready to assume its full share of responsibility for executing any new plans of the government relating to war work, as these plans shall be announced from time to time.

DEGREES CONFERRED

Degrees Have Been Conferred as Follows Since June 4, 1917:

THE DEGREE MASTER OF ARTS UPON

Leslie Burton Blades
Fanny Chase
Peter C. Crockatt
William Kenneth Livingston
John Andre Wells

THE DEGREE MASTER OF SCIENCE UPON

Lewis Alexander Bond

THE DEGREE BACHELOR OF ARTS UPON

Lila Bell Acheson
Louise H. Allen
Marie Louise Allen
Rosalind B. Bates
Karl Giesy Becke
June L. Beebe
Martha Beer
Jean Herriot Bell
Joseph Clark Bell
Edward Allen Bennett
John A. Black, Jr.
Alexander P. Bowen
Earl C. Bronaugh, Jr.
Mildred Aileen Brown
Mildred Gertrude Brown
Clarence W. Brunkow
William Norman Burgard
Loren G. Butler
Frank H. Campbell
James H. Cellars
Mary Hendricks Chambers
Charles Haskell Collier
Clinton V. Conley
Nellie Flagler Cox
Eulalie Palmer Crosby
Helen C'are Currey
Frances Marie DePue
Elisabeth Devaney
Walter Robert Dimm
Glenn Dudley
Stanley Dorman Eaton
John Harold Fitzgibbon
Earl Emery Fleischmann
Roland Woodbridge Geary
Hermon Maxwell Gilfilen
Eugene Noon Good
J. Carlos Ghormley
Marguerite Gross
Carl F. Grover
Evah Hadley
Elisabeth Margaret Hales
Ada Roberta Hall
Harold Hamstreet
Mae Harbert
Marion Harrington
Margaret Mary Hawkins
Mary Alice Hill
Jennie F. Huggins
Mossie B. Hussong
John W. Huston
Nicholas Jaureguy
Lucy Jay
Helen Johns
Hazel Knight
Robert William Langley
Ruth C. Lawrence
Ethel Mae Loucks
Bernice Lucas
Harry Lynch
Mae B. Lynch
Marion E. MacDonald
Marjorie Edith Machen
Frances Mann
Helen McCornack
Margaret E. McCoskey
Myra Elsie McFarland
John Edward McGuire
Gladys Marie McKnight
Delphie Helen Meek
Frederick E. Melzer
Neta May Miller
Mary Ellen O'Farrell

Elmer J. Ortman
Lynn Albert Parr
Chalmer Nash Patterson
Arthur Harlow Pengra
Bernice Perkins
Leah C. Perkins
Neva Joanna Perkins
Vera Evelyn Perkins
Harriette Polhemus
L. A. Potter
Ruth Anna Ralston
Emmett Rathbun
Loren C. Roberts
Ruth Roche
Allen Rothwell
Ellwyn A. Rutherford
Frank Scaiefe
M. O Enone Shaw
Frances Eleanor Shoemaker
Margaret Norton Spangler
Wayne J. Stater
Ruby Maple Steiwer
Milton A. Stoddard
Percy M. Stroud
Henry L. Thorsett
Myrtle Grace Tobey
William Paul Tuerck
Eyla Louene Walker
Mary Elizabeth Warrack
Lucile Chase Watson
Harold J. Wells
Jeannette Wheatley
Dorothy Wheeler
Helen L. Wiegand
Leone Williams
Marjory Mae Williams
Gustav Winter
Iva Belle Wood

THE DEGREE BACHELOR OF SCIENCE UPON

Lola Esther Barr
Maurice Hall Hyde
Charles Cornelius Newcastle, Jr.

THE DEGREE BACHELOR OF ARTS IN ARCHITECTURE UPON

Walter E. Church
Eyler Brown

THE DEGREE BACHELOR OF LAWS UPON

J. Bothwell Avison
H. Elmer Barnhart
Garnet L. Green

THE DEGREE BACHELOR OF SCIENCE IN COMMERCE UPON

Frank Loomis Beach
Bert Bernard Breeding
Frederick Edward Kiddle
Henry William Sims
Floyd South
Hugh Ernest Watkins
Martin V. Nelson

THE DEGREE DOCTOR OF MEDICINE UPON

James F. Bell, Jr.
Ernest A. Daus
Isaac Dellar
Alan Lucille Hart
R. W. Hendershott
Ernest D. Lamb
Murray M. Levy
Ralph L. Lieser
James A. Loundagin
Russell F. Madden
Delbert H. Nickson
Herbert Van Heekeren Thatcher

HIGHEST HONORS

The following students have been awarded Highest Honors in the subjects listed below:

COMMERCE.

Bert Bernard Breeding — Frank Loomis Beach

ENGLISH LITERATURE

Martha Beer — Frances Eleanor Shoemaker

MATHEMATICS

Frederick E. Melzer

RHETORIC

Rosalind B. Bates

ZOOLOGY

Ada Hall

HONORS IN GENERAL SCHOLARSHIP

Rosalind B. Bates
Nellie Cox
Earl Emery Fleischmann
Frederick E. Melzer
Frances Eleanor Schoemaker
Eyla Walker

SCHOLARSHIPS

The following pre-medical students, on account of high scholarship, have been awarded scholarships in the University of Oregon Medical School:

Clarence W. Brunkow, Full Scholarship
Leonard M. Buoy, Half Scholarship
Frank H. Campbell, Half Scholarship

GRADUATE STUDENTS ENROLLED

Mary Louise Allen.....Eugene
Mrs. Rosalind Bates.....Eugene
Mrs. Edith Prescott Booth.....
.....Eugene
John Harthan deFell.....Eugene
Ida A. Dinsdale.....Galena, Ill.
Ada Hall.....Portland
S. O. Krantz.....Portland
James Macpherson.....Eugene
Mrs. Agnes M. McClean..Eugene
Chalmer K. Patterson....Eugene
Ida V. Turney.....Stanley, Wis.
Harold J. Wells.....Eugene

STUDENTS ENROLLED 1917-1918

COLLEGE OF LITERATURE, SCIENCE AND THE ARTS

Name	*Home Address*
Leith Abbott	Ashland
Rena Adam	Ontario
Chester E. Adams	Myrtle Point
Marion E. Ady	Eugene
Myrtle Albright	Marquam
Caroline Alexander	Portland
Raymond N. Allen	Eugene
Betty Dare Allinson	La Grande
Ellen May Anderson	Portland
Evon Anderson	Weiser, Idaho
Helen Anderson	Portland
Myrtle Anderson	Melrose
L. Stanford Anderson	Portland
Marion L. Andrews	Eugene
Hazel Antle	Medford
Anne Appel	Emmett, Idaho
Perry Burton Arant	Monmouth
Jory Kenneth Armstrong	Jefferson
LeRoy Ashcraft	Ashland
Stanley Atkinson	Eugene
Lillian Auld	Eugene
Elizabeth D. Aumiller	North Yakima, Wash.
Mildred Aumiller	North Yakima, Wash.
Richard Avison	Salem
Nana C. Axtell	Eugene
Jerald Backstrand	Portland
Marie Badura	Portland
Elva Anne Bagley	Portland
Eleanor Bailey	Junction City
Margaret E. Bailey	Junction City
Mary Ellen Bailey	Eugene
Walter L. Bailey	Springfield
Lyle M. Bain	Poplar, Mont.
Ray Otis Baird	Portland
Frances Elizabeth Baker	Hood River
Mae Ballack	Albany
Lillian May Bancroft	Eugene
George W. Baney	Eugene
Mrs. Mary W. Baney	Eugene
Charlotte Banfield	Portland
Esther N. Banks	Portland
Elizabeth Bruere Banks	Portland
Walter H. Banks	Portland
Harold Barde	Portland
Roy E. Barker	Salem
Maud Barnes	Dallas
Lee Bartholomew	Stanfield
Marie L. Bartmess	Hood River
Mrs. Laura L. Baumann	Eugene
Selma C. Baumann	Paul, Idaho
Day Bayly	Eugene
Pauline M. Beals	Tillamook
Anna Landsbury Beck	Eugene
George Beggs	Portland
Dorothy Bennett	Portland
Edward E. Bentley	Newport
Onnie W. Bentley	Newport
J. Arthur Berg	Portland
Noemi Bernard	The Dalles
Alda M. Berry	Newport
Merle V. Best	Pendleton
Elmer W. Bettinger	The Dalles
Helen Biggs	Baker
Dora E. Birchard	Grants Pass
Mildred Black	Medford
Larue Blackaby	Ontario
Mearl Blake	Ione
Iris Blewett	Eugene
Frances E. Blurock	Vancouver, Wash.
Morris Bocock	Grants Pass
Robert F. Boetticher	Albany
Mrs. J. T. Bogart	Eugene
Ruby Bogue	Eugene
Lillian L. Bohnson	Portland
Rosella M. Bothwell	Gold Beach
Margaret I. Bounds	Myrtle Creek
Marion E. Bowen	Medford
Milton W. Bower	Corvallis
Joseph D. Boyd	Lodi, Cal.
Elmer G. Boyer	Rickreall

Name	*Home Address*
Ezra L. Boyer	Rickreall
Lawrence Boyle	Canyonville
Ernest L. Boylen	Pendleton
Dorothea Boynton	Eugene
Edythe Bracht	Eugene
John W. Brack	Woodburn
Robert Bradshaw	Eugene
James M. Bradway	Eugene
Margaret Brand	Cottage Grove
Peter Brandon	Eugene
Everett Brandenberg	Bend
J. Carter Brandon	Portland
Esther L. Brattain	Springfield
Benjamin Breed	Hood River
Helen Brenton	Eugene
Arlo B. Bristow	Eugene
Annamay Bronaugh	Portland
Mildred C. Broughton	Portland
Florence Brosius	Hood River
Alexander Brown	Portland
C. Mortimer Brown	Los Angeles, Cal.
Lurline Brown	Lebanon
Roy F. Brown	Kellogg, Idaho
Wanda Brown	Stayton
Hugh D. Brunk	Eugene
Velma L. Brunk	Eugene
Lyle Bryson	Eugene
Mildred Burdick	Portland
James M. Burgess	Lakeview
Mrs. Edna L. Burke	Eugene
Kendall E. Burke	Eugene
Tracy S. Byers	Eugene
Mabel Byrd	Portland
Harold H. Cake	Portland
Prentice Callison	Cottage Grove
Jeannette Calkins	Eugene
Estella Campbell	Spokane
Helen Stansfield Campbell	Portland
Grace Campbell	Spokane
Lindsey C. Campbell	Amity
Marjorie Campbell	Portland
Myrtle E. Campbell	Portland
Laurel Canning	Monmouth
Wilbur M. Carl	Portland
Lay A. Carlisle	The Dalles
Cleome Carroll	Eugene
Amy E. Carson	Springfield
Elizabeth H. Carson	Hood River
Louis Leslie Carter	Portland
Sprague H. Carter	Baker
Helen M. Case	Tillamook
Victoria Case	Portland
Helen Casey	Eugene
William Allen Casey	Portland
Lucile Caswell	Eugene
Louise Cecil	Portland
Newton Center	Toledo
Vivian Chandler	Dayton, Wash.
Thomas I. Chapman	Marshfield
Kate Chatburn	Bandon
Kuang Lu Chen	China
Dong Kiang Chu	China
Doris Churchill	Salem
Louise Clambey	Caldwell, Idaho
Mrs. Lillie Clarke	Astoria
Alma Clements	Long Beach, Cal.
Mabel F. Cochran	Ashland
Marion Coffey	Portland
Georgia Cole	Boise, Idaho
William E. Coleman	Portland
Fred Coley	Eugene
Dorothy Collier	Eugene
Ainslee Collins	Portland
Spencer Collins	Eugene
Bess Colman	Portland
Gretchen Colton	Portland
Charles B. Comfort	Stockton, Cal.
Kenneth Comstock	Sutherlin
Gladys Conklin	Eugene
Margaret D. Conklin	Portland
Keitha Conn	Roseburg
George F. Cook	Portland
Paul Cook	Eugene
Rholin M. Cooley	Portland
Zoe Cornett	Los Angeles, Cal.
Mae V. Corpron	North Yakima, Wash.
Clare E. Corrigan	McMinnville
Robert Cosgriff	Portland
Ray M. Couch	Island City
Ruth Cowan	Marshfield
Mrs. Mary E. Cox	Eugene
Teressa Cox	Ontario
Harry N. Crain	Portland
Pearl Craine	Bandon
Charles K. Crandall	Vale
John Herbert Creech	Aberdeen, Wash.
Margaret Crim	Eugene
Margaret F. Crosby	Riddle
Dora Currin	Estacada
Lela Cushman	Brownsville
George E. Cusick	Albany
I. D. Custer	Eugene
Ruth Knowles Custer	Florence
Thomas D. Cutsforth	Riddle
Edith Dahlberg	Grants Pass
Donald S. Dalgleish	Kamloops, B. C.
Marguerite C. Dallas	Napa, Cal.
Rex R. Dallas	Corvallis
Ruth Danford	Springfield
Mabel Davenport	Eugene
Roy L. Davidson	Helix
Bernard S. Davis	Eugene
Frank N. Davis	Edenbower

Name	*Home Address*
Iva R. Davis	Kerman, Cal.
Kathleen M. Davis	Chinook, Wash.
Loren A. Davis	Marshfield
Louise Davis	Portland
Pearl Davis	Burley, Idaho
Quincey Davis	Silverton
Waiva Aileen Dean	Medford
Helene De Lano	Eugene
Mary Eugenia Deming	St. Helens
Vera Derflinger	Junction City
Ella A. Dews	Klamath Falls
Katherine Devoe	Roseburg
Rollin Dickerson	Eugene
Genevieve Dickey	Eugene
Eva Digerness	Silverton
Gladys Diment	Marshfield
Dorothy G. Dixon	Eugene
Ned Dixon	Drain
Catherine Dobie	Superior, Wis.
Walter C. Dobyns	Ione
Mildred E. Dodds	Dufur
Helen G. Downing	Portland
Mrs. Eva M. Doxsee	Eugene
Herald M. Doxsee	Eugene
Charles R. Drake	Eugene
Ralph Dresser	Marshfield
Joanna Driscoll	Bly
Helen L. du Buy	Eugene
Dorothy Dunbar	Astoria
Charles H. Dundore	Portland
John G. Dundore	Portland
Dorothy Duniway	Portland
Agnes Dunlap	Central Point
Ted B. Dunton	Los Angeles, Cal.
Edwin Durno	Silverton
Rufus M. Eckerson	Portland
Harold Edblom	Eugene
Marjorie Edsall	Bly
Henry Eickhoff, Jr.	San Francisco, Cal.
Floyd Ellis	Dallas
Loran J. Ellis	Eugene
M. Harris Ellsworth	Cascade Locks
Ruth Elton	Great Falls, Mont.
Arthur N. Ely	Eugene
Merrill D. Ely	Eugene
Henry F. English	Eugene
Adrienne Epping	Hood River
Amelia Esparza	Ashland
Elva Elizabeth Estes	Eugene
Newton J. Estes	Eugene
Alberta Ettinger	Eugene
Ernest Evans	Eugene
Margaret Evans	Eugene
Adah Ethel Ewer	Eugene
Howard E. Ewer	Eugene

Name	*Home Address*
Paul Farrington	Eugene
Donald Feenaughty	Portland
Mrs. Marian R. Fields	Eugene
Stanley Fenton	Lewiston, Idaho
Nancy Fields	Eugene
John Finneran	Ashland
Phyllis Fischer	Maupin
Len B. Fishback	Monmouth
Jay L. Fisher	Philomath
Elsie Fitzmaurice	Condon
Bruce Flegal	Eugene
Dorothy Flegel	Portland
Elmer Gordon Fletcher	Eugene
John W. Flinn	The Dalles
M. Helen Flint	Junction City
Kathleen Forrester	Riverside, Wash.
Evelyn M. Foster	Eugene
Henry M. Foster	John Day
Mrs. O. H. Foster	Eugene
Horace G. Foulkes	Portland
Laura Celeste Foulkes	Portland
Frank E. Fowler	Pendleton
Jay H. Fox	Portland
Edyl Fraasch	Eugene
J. Julius Frahm	Rendsburg, Germany
Brownell Frasier	Eugene
Janet Frasier	Eugene
Frances Frater	Riddle
Giles L. French	Grass Valley
Mary Huntington Fuller	Eugene
Ester Furuset	Springfield
Mary Gaffney	Fossil
Alice K. Gallier	Bandon
Zilpha V. Galloway	Salem
John Gamble, Jr.	Portland
Edith F. Gardiner	Eugene
Mildred Garland	Lebanon
Jessie M. Garner	Astoria
Byron Garrett	Hillsboro
Harriett Garrett	Eugene
Beatrice Gaylord	Tillamook
Frances Claire Gazley	Gazley
Georgine Mary Geisler	Portland
Josephine W. Getchell	Eugene
Juanita I. Gibson	Ione
Marian Neil Giger	Portland
Isla Gilbert	Oregon City
Warren E. Gilbert	Mapleton
Grace G. Gilmore	Junction City
Marion J. Gilstrap	Eugene
Elizabeth B. Ginsey	Eugene
Morris B. Glicksman	Portland
Gladys Godbey	Portland
Era Blanch Godfrey	Lebanon
Ercel Goehrend	Aberdeen, Wash.
Claude Goff	Oakland
Clarissa Goold	Milwaukee
C. Frank Gordinier	Eugene

Name	*Home Address*
Oscar J. Goreczky	Boise, Idaho
Margaret M. Gorris	Springfield
Ruth E. Graham	Portland
Edna May Gray	Portland
Floyd Gray	Scotts Mills
Margaret V. Gray	Oswego
Richard R. Gray	Turner
Evelyn D. Grebe	Wasco
Walter H. Grebe	Wasco
Leola Green	Eugene
Ruth Gregory	Joseph
Esther M. C. Gremmels	Salem
Harold D. Grey	Medford
Lewis D. Griffith	Salem
Clarabel Grim	Portland
Ethel E. Grim	Olympia, Wash.
Mabel H. Grim	Olympia, Wash.
Joy Gross	Eugene
George F. Guldager	Mobile, Ala.
James Brian Gurney	Glide
Mary Helen Guttery	Hood River
James Oliver Gyllenberg	Baker
Elizabeth Hadley	The Dalles
Helen E. Hair	Grants Pass
Horace M. Hair	Grants Pass
Virginia Hales	Eugene
Elizabeth Hall	Albany
Emma Wootton Hall	Astoria
Helen Eugenia Hall	Eugene
Roxie Hall	Marshfield
Margaret Hamblin	McMinnville
John Nellis Hamlin	Roseburg
Grace Hammarstrom	Astoria
Joseph Nolan Hammersley	Portland
Satolli William Hanns	Coburg
Eva E. Hansen	Marshfield
Gladys Blanche Harbke	Portland
Willis Harbke	Portland
Thomas N. Hardy	John Day
William Harper	Junction City
George W. Harris	Eugene
Hazel Harris	Salem
Maynard H. Harris	Portland
Hallie Ruth Hart	Portland
Albert C. Hartley	Silverton
Irwin N. Hartley	Eugene
Jessie M. Hartley	Silverton
Kathryn Hartley	Hood River
Mrs. Nancy J. Hartley	Eugene
William A. Haseltine	Portland
Lillian Hausler	Portland
Cecil Hayden	Alsea
Adelbert M. Hayes	Burns
Dean H. Hayes	Eugene
Brownie Lee Haynes	Rupert, Idaho
Marion E. Hays	Eugene
Cornelia W. Heess	Portland
Catharine Heilig	Portland
Florence Hemenway	Cottage Grove
K. C. Hendricks	Parkplace
Clyde S. Henninger	Oakland
Lawrence S. Hershner	Hood River
Leo Hertlein	Wichita, Kan.
Herbert J. Heywood	Portland
Ida S. Hibbs	Eugene
Claude B. Hill	Klamath Falls
Florida Hill	Palouse, Wash.
Aldine Hillpot	Eugene
Mary Olive Hislop	Eugene
Mary Hitt	Emmett, Idaho
Thelma Hoeflein	Yaquina
Arline Hoerr	Lebanon
Marjorie Grace Holaday	Scappoose
Charles Holder	Portland
Claire P. Holdridge	Creswell
Willard Hollenbeck	Battle Ground, Wash.
Bruce Hollingsworth	Portland
Lotta S. Hollopeter	Portland
Gladys Hollingsworth	Portland
Harlie Holmes	Ashland
Ralph Holzman	Portland
Cora M. Hosford	Portland
John H. Houston	Klamath Falls
Elmer J. Howard	Grants Pass
Doris E. Hubbell	Eugene
Erma Huff	Boise, Idaho
Charles Lee Hulbert	Albany
Madge P. Humbert	Eugene
W. Clive Humphrey	Eugene
John B. Hunt	Portland
Giles Hunter, Jr.	Roseburg
Nita H. Hunter	Island City
Sadie Hunter	Colfax, Wash.
Sophia Hunter	Roseburg
Mildred Huntley	Oregon City
Lucile Hester Hurd	Florence
Rachel Husband	Eugene
Robert S. Huston	Eugene
Eva M. Hutchison	Portland
Vivian Hyland	Vancouver, Wash.
Joe Ingram	Portland
Mary Irving	Oswego
Mildred Jackson	Corvallis
Francis Jacobberger	Portland
Arthur C. Jacobson	Missoula, Mont.
Ebba Jacobson	North Powder
Esther Jacobson	North Powder
John P. Jaeb	Minneapolis, Minn.
Harry D. Jamieson	Portland

Name	*Home Address*
Oran Jenkins	Albany
Wilford Jenkins	Eugene
Erna Jeppesen	Portland
Leura Jerard	Pendleton
Mary E. Jewett	Eugene
Flint N. Johns	Vancouver, Wash.
Mary A. Johns	Pendleton
Alleyn J. Johnson	Gaston
E. Norton Johnson	Stanfield
Frank Johnson	Shakan, Alaska
Helen Aline Johnson	Portland
Hollis E. Johnston	Eugene
James Johnston	Dufur
Kathryn Johnston	Dufur
Mrs. Kittie E. Johnson	Portland
Lucile Johnston	Dufur
Minnie K. Johnston	Eugene
Margaret B. Jones	Orofino, Idaho
Mercedes Jones	Eugene
Norris R. Jones	Baker
Ora D. Jones	Eugene
Joy Frances Judkins	Eugene
Marjorie Kay	Salem
Beulah Keagy	Portland
Ralph B. Keeler	Portland
Erma R. Keithley	San Francisco, Cal.
John A. Kelleher	Portland
Louisa F. Kellems	Eugene
Vivien Kellems	Eugene
Mrs. Ellen E. Kelley	Marshfield
Howard E. Kelley	Marshfield
Kathleen Kem	Cottage Grove
Evangeline Kendall	Jamieson
John Kennedy	Portland
Elizabeth Kessi	Harlan
William Kessi	Harlan
Leta D. Kiddle	Island City
Harold William King	Grants Pass
Philena King	Portland
Theo King	Riddle
Tula Kinsley	Condon
Florene Kirk	Junction City
Germany Klemm	Eugene
Jeannette Kletzing	Eugene
Hilda J. Knight	Dorset, England
Grace Knopp	Eugene
Carl M. Knudsen	Portland
Arnold H. Koepke	Athena
Raymond F. Koessel	Portland
Eldon Kraal	Eugene
Margaret Kubli	Portland
Ami Marie Lagus	Astoria
Erma Laird	Pleasant Hill

Name	*Home Address*
Freda Laird	Pleasant Hill
Wayne T. Laird	Pleasant Hill
Adelaide V. Lake	Eugene
Enid Lamb	Scotts Mills
Winona Lambert	Portland
Kenneth Lancefield	Amity
Ruth Lane	Eugene
Glen Langdon	Clarkston, Wash.
Thurston Laraway	Hood River
Mary D. Largent	Silverton
Maude Largent	Silverton
Louis W. Latimer	Amity
Lois Laughlin	Carlton
Linden Leavitt	Eugene
Manyard Leavitt	Eugene
Robert E. Lees	Ontario
Henry B. Leggett	Salem
Sam Lehman	Eugene
Eloine Leighton	Elgin
Leith Leslie	Coquille
Julian Leslie	Coquille
Alice Mary Lighter	Portland
Herman L. Lind	Portland
Harry S. Lindley	Enterprise
Paula Linn	Eugene
Katherine Livengood	Albany
Harold G. Lockerbie	Dryad, Wash.
J. E. Lomax	Boise, Idaho
Maud Lombard	Eugene
Dorothy Lowry	Eugene
Blanche Lucas	Tillamook
Edwin Lund	Coquille
William Lyle	Shawnee, Okla.
Richard W. Lyons	Eugene
Cecile McAlister	Eugene
Lindsay McArthur	Richland
Gertrude P. McCabe	Hoquiam, Wash.
Acie D. McClain	Lebanon
Nellie McClure	Eugene
Lucille G. McCorkle	Portland
Mary E. McCornack	Klamath Falls
Tom McCoy	The Dalles
V. Lyle McCroskey	Havre, Mont.
Lynn S. McCready	Lewiston, Idaho
Lola McCulloch	Junction City
Vena L. McCully	Eugene
Delilah McDaniel	Rickreall
Helen J. McDonald	La Grande
Mary McDonald	Eugene
Neil H. McEachren	Portland
W. Carleton McFadden	Junction City
Jean H. McGhie	Grangeville, Idaho
Ethel McGilchrist	Salem
Norris H. McKay	Forest Grove

Name	*Home Address*
Ted B. McKenzie	Airlie
Margaret A. McKim	Baker
Judson B. McKinney	Eugene
Gladys I. McLeod	Athena
Elizabeth McMahan	Thurston
Adah A. McMurphey	Eugene
Elsie McMurphey	Eugene
Errol McNair	Bandon
Robert G. McNary	Portland
Hope MacKenzie	Portland
Reba Hester Macklin	Portland
Glen S. Macy	McMinnville
Lois L. Macy	Portland
Elmo W. Madden	Eugene
Creston R. Maddock	Heppner
John Madigan	Portland
Myrtle M. Magerle	Rogue River
Essie Lois Maguire	Portland
Jennie F. Maguire	Portland
Harold G. Maison	Portland
Harold Mannel	Eugene
Lewis J. Mannel	Eugene
Helen C. Manning	Portland
Louise Manning	Portland
Margaret Mansfield	Prospect
Margaret A. Mansfield	Portland
Buena Margason	Portland
Merle L. Margason	Portland
Leona Marsters	Roseburg
Ralph H. Martin	Eugene
Richard H. Martin	Portland
Clyde W. Mason	Eugene
John P. Masterson	Denmark, Ore.
Mary E. Mathes	Ashland
John E. Matheson	Powell River, B. C.
Walter Matson	Astoria
Ada Matthews	Cottage Grove
Gladys I. Matthis	Amity
Charles R. Matthews	Tipton, Ia.
Mary O. Mattley	Oregon City
Pansy Maurer	Eugene
Helen Bracht Maurice	Eugene
Carl V. Mautz	Portland
Mrs. Helen Kerr Maxham	Eugene
Gertrude May	Portland
Lyman Meador	Prairie City
Virgil Meador	Prairie City
Carey Huston Medley	Cottage Grove
Dorris W. Medley	Cottage Grove
Clistie Meek	Coburg
Lorna Meissner	Portland
Eric W. Merrell	Eugene
Mrs. Verona Merrell	Eugene
Mary L. Mershon	Rockford, Ill.
Lucile Messner	Medford
Odine N. Mickelson	Eugene

Name	*Home Address*
Anna Lee Miller	Portland
Charles W. Miller	Medford
Dorothy Miller	Medford
Kerby S. Miller	Medford
Lillie Miller	Pioneer
Mrs. May K. Miller	Medford
S. Ruth Miller	Long Beach, Cal.
Hattie P. Mitchell	Joseph
Joe R. Mizner	Mill City
Laura Moates	Ilwaco, Wash.
Clarence Moffatt	Centralia, Wash.
Caroline Montague	Portland
John R. Montague	Portland
Ruth Montgomery	Eugene
Henry Mooers	Astoria
F. Dean Moore	Eugene
John S. Moore	Bandon
Mary E. Moore	Eugene
Merle W. Moore	Portland
Dorothy Morehouse	Seattle, Wash.
Morris H. Morgan	Portland
Austrid Mork	Portland
Albert T. Morrison	Portland
William H. Morrison	Eugene
Mary Luceil Morrow	Portland
Kathryn H. Morse	Portland
Ala Otto Mosier	Canyon City
Jeannette Moss	Grants Pass
W. Jay Mulkey, Jr.	Monmouth
Douglas Mullarky	Bend
Mary C. Murdoch	Portland
Earl W. Murphy	Portland
Fern Murphy	Ashland
Jane Murphy	Pendleton
Anna R. Murray	Junction City
Charles A. Murray	Eugene
Ethel Murray	Portland
Mary H. Murray	Hubbard
Walter L. Myers	Eugene
Carl E. Nelson	Hollister, Idaho
Inez Nelson	Aberdeen, Wash.
Jennette McLaren Nelson	Hillsdale
Wanda Nelson	McMinnville
Ethel E. Newland	Eugene
Chaffer Newton	Hood River
Harold Newton	La Grande
Lena E. Newton	Pasadena, Cal.
Roland W. Nicol	Gridley, Cal.
Helen Nicolai	Portland
Mrs. Royal Niles	Empire
Lewis Niven	Canyon City
Ruth T. Nye	Medford
Marcus ODay	Centralia, Wash.
Anastasia OFarrell	Eugene

Name	*Home Address*
Donald J. Oxman	Jamieson
Frederic W. Packwood	Portland
Mary J. Packwood	Portland
Edmund H. Padden	Creswell
Miriam Page	Eugene
Frank J. Palmer	Philomath
Jennie H. Parelius	Portland
Jeannette F. Park	Portland
Mellie L. Parker	Astoria
Mildred Parks	Roseburg
Dwight S. Parr	Woodburn
Dorothy A. Parsons	Portland
Walton W. Parsons	Redmond
Charlotte Patterson	Portland
Vincent Patterson	Pleasant Hill
William W. Patterson	Eugene
Grace Paul	Parma, Idaho
Alex Pearson, Jr.	Portland
Adolphina Pearson	Portland
Levant Pease	Jefferson
Paul E. Pease	Tacoma, Wash.
Clair B. Pennington	Eugene
Helen Rhodes Pennington	Eugene
Lloyd Perkins	Union
Curtis A. Peterson	Eugene
Elizabeth M. Peterson	Hillsboro
James B. Pfouts	Junction City
Alene Phillips	Oregon City
Allie Phillips	Coquille
Norman Philips	The Dalles
Dwight Phipps	Medford
Edith Pirie	Portland
Everett H. Pixley	Eugene
James A. Pointer	Lexington
Louise Pollman	Baker
Harry L. Pond	Portland
Beatrice Porteous	Portland
Pauline Porteous	Portland
William W. Porter	Walker
Vergil Porter	Mill City
Donald H. Portwood	Monmouth
Aurora Potter	Eugene
Adele Powell	Unity
Earl Scott Powell	Springfield
Delmer L. Powers	Tillamook
Earl Powers	Oakland
Florence M. Powers	Marshfield
Dorward C. Pratt	Veneta
Helen H. Purington	Burns
Francis Quisenberry	Harrisburg
Russell Quisenberry	Eugene
Hazel J. Radabaugh	Pleasant Hill
Irene Rader	Ontario
William Ralston	Portland
W. Huber Rambo	Klamath Falls
Hazel Rankin	Eugene
Mabel Rankin	Eugene
Hazel Rasor	Eugene
Ella B. Rawlings	Medford
William G. Rebec	Eugene
Ernest L. Redford	Wilbur, Wash.
Anita Lucile Redmond	Redmond
Carlotta Reed	Portland
Helene M. Reed	Eugene
Grace Reeves	Portland
Nellie Elizabeth Reidt	Portland
Helen R. Rhodes	Eugene
Leta E. Rhodes	Portland
Beatrice Rice	Myrtle Creek
Edna H. Rice	Portland
Vie E. Rice	Myrtle Creek
Florence Riddle	Grants Pass
Marie Riding	Eugene
Olive Ann Risley	Milwaukie
Naomi Robbins	Mollala
Vernice G. Robbins	Hood River
Carroll C. Roberts	Eugene
Donald C. Roberts	Astoria
Gayle H. Roberts	Astoria
Dorothy E. Robertson	Portland
Donald M. Robinson	Portland
Donald T. Robinson	Pendleton
Paul E. Robinson	Mapleton
Loeta Rogers	Independence
Zonweiss Rogers	McMinnville
Claude E. Rorer	Eugene
Ruth Marguerite Rose	Watsonville, Cal.
Abraham E. Rosenberg	Portland
Myrtle Vivian Ross	Pendleton
Ruth Rothrock	Athena
Shirley Irving Rowe	Watsonville, Cal.
Genevieve Rowley	Vancouver, Wash.
Carl Rueck	Klamath Falls
Grace Rugg	Pendleton
Ruth Pearce Rugh	Eugene
Albert C. Runquist	Portland
Arthur Runquist	Portland
William James Russis	Portland
Mrs. Ida G. Rutherford	Eugene
Madge Ryckman	Junction City
Grayce B. Sage	Ontario
Roy E. Samuels	Hood River
Carlton R. Savage	Waconda
Walter B. Schade	Portland
Kate Schaefer	Portland

Name	*Home Address*
Frances W. Schenk	Colorado Springs, Colo.
J. Haseltine Schmeer	Portland
Lilli Schmidli	Oregon City
Leslie A. Schroeder	Coquille
Roberta M. Schuebel	Oregon City
Paul M. Scott	Springfield
Ruth Scott	Springfield
Wesley Seaman	Marshfield
Corwin V. Seitz	Alsea
George F. Seitz	Eugene
Maurice Selig	Falls City
Cord Sengstake, Jr.	Portland
William Ralph Service	Silverton
Rosamund Lee Shaw	Pullman, Wash.
Mamie S. Sheard	Athena
James S. Sheehy	Portland
Alfred C. Shelton	Eugene
William E. Sheppard	Baker
Florence Sherman	Eugene
Kenneth E. Shetterly	Willamina
Richard H. Shisler	Harrisburg
Martin Sichel	Portland
Arvo A. Simola	Portland
Max Simons	Portland
William R. Skidmore	Curtin
Rosemary B. Skipworth	Hillsboro
Nellie C. Sloan	Eugene
Madeline Slotboom	Portland
Bessie Ruth Smith	Chicago, Ill.
Beth Smith	Pendleton
Bula Smith	Pendleton
Gladys E. Smith	Metolius
Graham B. Smith	Eugene
Harry A. Smith	Eugene
Irva A. Smith	Walterville
Irving G. Smith	Metolius
Lora Evelyn Smith	Redmond
L. Amine Smith	Dufur
Lynde C. Smith	Wasco
Seth L. Smith	Portland
Virginia Smith	Eugene
Olga Soderstrom	Divide
Melvin T. Solve	Bandon
Paul E. Spangler	Eugene
Annette L. Spencer	Eugene
Bernice L. Spencer	Eugene
Clarence Spencer	Eugene
Donna Spencer	Portland
Marion R. Spoeri	Portland
Joseph V. Springer	Portland
Emily B. Spulak	Canby
Mary W. Stacy	Los Angeles, Cal.
Ruth Stadtwalter	Eugene
Mary Stalp	Harrisburg
Elizabeth P. Stansfield	Portland
A. Glenn Stanton	Humboldt, Ia.
Lucille Stanton	Humboldt, Ia.
Thelma Stanton	Eugene
Winifred Starbuck	Eugene
Silas E. Starr	Dallas
David L'oyd Stearns	Portland
Harry I. Stearns	Prineville
William H. Steers	The Dalles
Mildred Steinmetz	Portland
Emma Stephenson	Eugene
Carrie M. Stevens	North Bend
Irene Stewart	Eugene
Roy Stickels	Eugene
Frances Stiles	Portland
Lloyd W. Still	Milton
Ollie Stoltenberg	Scappoose
Theo Stoppenbach	Portland
Marjorie Stout	Eugene
Thomas Strachan	Dufur
Rex W. Stratton	Ashland
Ulala Stratton	Eugene
Wilfred Stroud	Eugene
Stella F. Sullivan	Portland
Lee Summerville	Portland
Tao Sun	China
Ruth Susman	Portland
Cyrus A. Sweek	Burns
Ruth V. Sweeney	Kelso
Caroline Taylor	Eugene
Forrest W. Taylor	Eugene
George W. Taylor	Westfall
Lourene Taylor	Eugene
Marion Taylor	Eugene
Vera Temple	Pendleton
Clinton H Thienes	Eugene
Burt G. Thompson	Eugene
Hugh M. Thompson	Bend
Richard Thompson	Portland
Walter Norvell Thompson	Nyssa
Mrs. Susie N. Thrall	Eugene
Elvira J. Thurlow	Portland
Alice B. Thurston	Roseburg
Beatrice May Thurston	Eugene
Clyde Thurston	Eugene
Martha W. Tinker	Engene
Charles H. Tisdale	Sutherlin
Vera G. Tobey	Eugene
Jessie Todd	Eugene
Eileen Tomkins	Cascade Locks
Aileen Townsend	Portland
Elizabeth M. Townsend	Portland
Paul Tracy	Eugene
Weltha Trafzer	Eugene
Harold R. Tregilgas	Portland
Joe F. Trowbridge	Portland
G. F. Tschanz	Eugene
George H. Turner	Eugene

Name	*Home Address*
Mary Turner	Eugene
Harry Tuttle	Eugene
Katherine M. Twomey	Oak Grove
Robert Tapp	Wapinitia
Mrs. Jessica Van Dellen	Yreka, Cal.
Alice C. Vander Sluis	Grenada, Cal.
Arthur Vandevert	Bend
Ray R. Van Horn	Fossil
C. P. Van Houtte	Eugene
Gladys Van Nuys	Parkdale
Alice F. Van Schoonhoven	Portland
Vera G. Van Schoonhoven	Portland
George Van Waters	Portland
Katherine Van Winkle	Oakville, Wash.
Mabel Van Zante	Portland
Mrs. Annette H. Vaughan	Eugene
Earl Voorhies	Grants Pass
Nora Vossler	Wheeling, W. Va.
Arla Marie Wagers	Healdsburg, Cal.
Ethel M. Waite	Sutherlin
Harvey Ethel Wakefield	Long Beach, Cal.
W. Lee Waldron	Portland
Dora Walker	Waldport
Ina Walker	Waldport
John L. Walker	Waldport
Leo V. Walsh	Salem
Glen Walter	Milton
Edward L. Ward	Dufur
Glen Ward	Eugene
Lila Maud Ware	Stayton
Claire Frances Warner	Eugene
Esther Warner	Medford
Ivan E. Warner	Eugene
Isa Hazel Wasson	Condon
Forest Watson	Portland
Ralph W. Watters	Portland
Helen L. Watts	Scappoose
Charles L. Waugh	Portland
Charles L. Weaver	Eugene
Floyd E. Webb	Redding, Cal.
Paul Weidenheimer	Corvallis
Karl B. Weigel	The Dalles
Alice Rose Welch	Salem
Mabyl M. Weller	Eugene
Gladys L. Wells	Halsey
Goldie Ruth Wells	Halsey
Helen G. Wells	Eugene
Ruth Westfall	Eugene
Beatrice Wetherbee	Eugene
Gretchen Avis Wheeler	Eugene
Edna M. Whipple	Eugene
Helen E. Whitaker	Myrtle Point
Herald W. White	Cottage Grove
Opal Stanley Whiteley	Eugene
Irene Whitfield	Portland
Merritt B. Whitten	Portland
Gertrude Mae Whitton	Eugene
Marguerite Whitton	Eugene
Frances A. Wiles	Eugene
Gladys Wilkins	Eugene
Richard A. Willcox	Redmond
Catherine Williams	Portland
Grace Williams	Marshfield
Joe Williams	Eugene
Marion Tuttle Williams	Eugene
Melba I. Williams	Eugene
Frank H. Willson	Dallas
Blanche Wilson	Portland
Dwight Wilson	The Dalles
Lorenzo Dow Wilson	The Dalles
Louise F. Wilson	Portland
Milton Earl Wilson	Portland
Ruth Ann Wilson	Medford
Virginia Wilson	Portland
Howard S. Wines	Eugene
Inga Winter	Portland
George C. Winters	Corvallis
Sophus Winther	Irving
Helen Withycombe	Yamhill
Jess B. Witty	Elgin
Ralph H. Wood	Eugene
Helen A. Woodcock	Portland
Mildred A. Woodruff	Portland
Rollin W. Woodruff	Portland
Bertrand O. Woods	Portland
John L. Woodworth	Pendleton
Dorothy E. Wootton	Astoria
Rex Y. Yamashita	Medford
Walter Bruce Yergen	Hubbard
Faye A. Yoder	Eugene
Jennie M. Yoder	Eugene
Beatrice A. Yoran	Eugene
Embra Short Young	Medford
Grace Young	Ontario, Cal.
Ruth E. Young	Seattle, Wash.
Erma M. Zimmerman	Eugene
Eunice G. Zimmerman	Eugene
Isobel Zimmerman	Portland
Olive Zimmerman	Portland

MEDICAL SCHOOL

FIRST YEAR STUDENTS

Helen I. Ahrens....Seattle, Wash.
University of Washington, 1913-1917.

Archie E. Bird.....Vancouver, Wash.
University of Oregon, 1915-1917.

Winfred H. Bueerman, B. S.....Portland
McMinnville College, 1917.

Clarence W. Brunkow, A. B.....Portland
University of Oregon, 1917.

Frank H. Campbell, A.B...Dallas
University of Oregon, 1917.

Jesse B. Farrior.....Portland
Peabody College, Tennessee, 1884-1886.
Oregon Agricultural College, 1916-1917.

Victor Freed.....Seattle, Wash.
Leland Stanford, Jr., University, 1913-1916.

Bert T. Ford.....Salem
University of Oregon, 1914-1916.
University of Chicago, 1916-1917.

Irvin R. Fox.....Portland
University of Oregon, 1916-1917.

Ray Fox.....Portland
University of Oregon, 1916-1917.

A. Edward Gourdeau....Portland
University of Oregon, 1915-1917.

Raymond W. Hausler..Portland
University of Iowa, 1914-1915.
University of Oregon, 1915-1917.

Albert W. Holman.....Oswego
University of Oregon, 1915-1917.

Roger Holcomb.....Portland
University of Oregon, 1915-1917.

John W. Huston, A. B...Heppner
University of Oregon, 1917.

Lester T. Jones.....Forest Grove
Pacific University, 1914-1917.

Anna Carolyn Mumby.....Olympia, Wash.
Whitman College, 1915-1917.

Harold M. Peery.....Springfield
Oregon Agricultural College, 1909-1913.

Alfred Betram Peacock..Portland
University of Oregon, 1914-1916.

Homer P. Rush.....Portland
University of Nebraska, 1914-1017.

George F. Sanders, B.S...Portland
Oregon Agricultural College, 1916.

Labon Aaron Steeves, A. B.....Salem
Willamette University, 1917.

George V. Vandevert, A. B...Bend
Willamette University, 1914.

SECOND YEAR STUDENTS

Robert V. Baker.....Portland
University of Oregon, 1914-1915.

C. Elmer Carlson.....Portland
Reed College, 1913-1916.

Gaven C. Dyott.....Portland
University of Oregon, 1912-1916.

Wilmot C. Foster, A. B.....Portland
University of Oregon, 1912-1916.

John Henry Gosnell.....Seattle, Wash.
University of Washington, 1913-1916.

Irene M. Hunt.....Roseburg
University of Oregon, 1913-1915.
University of California, 1916-1917.

Harry S. Irvine, A. B.....Portland
Willamette University, 1915.

Elmer A. Johnson.....Vancouver, Wash.
University of Washington, 1914-1916.

A. F. Walter Kresse.....Hood River
University of Oregon, 1914-1916.

Robert W. Langley, A. B.....Portland
University of Oregon, 1913-1916-1917.

Charles H. Rogers, A. B.....Hillsdale
Reed College, 1913-1916.
A. B., Stanford University, 1917.

Willoughby Park Richardson, A. B.....Portland
McMinnville College, 1913-1915.
A. B., Stanford University, 1917.

Raymond R. Staub.....Portland
University of Oregon, 1914-1916.

Earl J. Schuster, B. S.....Albany
Oregon Agricultural College, 1916.

Glenn M. Yount, Ph. C.....Wilbur, Wash.
University of Washington, 1911-1915.

THIRD YEAR STUDENTS

Anson G. Allen.....Astoria
University of Oregon, 1912-1914.

John W. Barcroft.....Newberg
Oregon Agricultural College.

Leland V. Belknap.....Prineville
University of Oregon, 1914-1915.

Linus H. Bittner, A. B...Portland
Reed College, 1915.

Jesse Leroy Bloch.....Portland
University of Illinois, 1913-1915.

Vernon J. Brown, B. S...Portland
Oregon Agricultural College, 1911.

Nicholas S. Checkos.....Portland
Reed College, 1913-1914.

Clyde W. Collings.....Vancouver, Wash.
University of Washington, 1913-1915.

Charles D. Donahue, Ph. C.....St. Johns
University of Washington, 1912-1914.

Herbert H. Foskett..McMinnville
McMinnville College, 1913-1915.

N. Elmer Irvine.....Arlington
University of Oregon, 1914-1915.

Trenton Johnson.....Portland
University of Oregon, 1914-1915.

Victor H. Leweaux.....Portland
Oregon Agricultural College, 1912-1915.

Irving E. Lloyd.....Tumwater, Wash.
University of Washington, 1913-1914.

Edmund W. Simmons....Portland
University of Oregon, 1913-1915.

Ivan M. Woolley.....Portland
Oregon Agricultural College, 1914-1915.

FOURTH YEAR STUDENTS

Frank J. Clancy....Seattle, Wash.
University of Washington, 1912-1914.

John J. Darby....Pomeroy, Wash.
Washington State College, 1913-1914.
University of Oregon, 1913-1914.

John B. Farrior, A. B...Portland
University of North Carolina, 1910.

George Earl Fortmiller, A. B.....Albany
University of Oregon, 1914.

Ira E. Gaston.....Astoria
University of Oregon, 1911-1914.

James Carlos Ghormley, A. B.....Portland
University of Oregon, 1904, 1913-1914-1918.

Edward J. Jasper..Forest Grove
Creighton University, 1911-1912.
Pacific University, 1913-1914.

Jesse Dale Jewell.....Portland
University of Oregon, 1913-1914.

Russell Keizer.....Portland
University of Oregon, 1913-1914.
Richard P. Landis, B. S...Albany
Oregon Agricultural College, 1910.
George W. Montgomery, A. B.
.....Falls City
Dallas College, 1911.
Kathryn Rueter.....Portland
Pacific University, 1902-1903.
Clarence W. Shannon.....
.....Seattle, Wash.
University of Washington, 1911-1914.
Robert B. Smalley.....
.....Seattle, Wash.
University of Washington, 1910-1914.
Dennis S. Swart.....
.....Woodland, Wash.
University of Washington, 1911-1913.
Eugene P. Steinmetz, B. S.....
.....Portland
Drury College, 1912.
Herbert L. Strong.....Portland
University of Oregon, 1909-1911, 1912-1913.
University of California, 1914.
Douglas H. Warner.....Portland
Reed College, 1911-1912.
Oregon Agricultural College, 1912-1914.
Mrs. Douglas H. Warner.....
.....Portland
University of California, 1910-1911.
Randall F. White.....Portland
University of Oregon, 1914.
Ralph G. Young.....Portland
University of Oregon, 1911-1914.

SPECIAL STUDENTS

John Harold Fitzgibbon, A. B.
.....Portland
University of Oregon, 1917.
Rhoda Prickett.....
.....South Bend, Wash.
University of Oregon.
James T. Papas.....Portland
University of Oregon, 1914-1915.

SUMMER SCHOOL—1917

Name	*Home Address*
John Almack	Eugene
Mildred Apperson	McMinnville
P. Burton Arant	Monmouth
Eland A. Arehart	Lafayette
Dora Badollet	Astoria
J. R. Bain	Klamath Falls
P. E. Baker	Eugene
Ray O. Baker	Cove
Charlotte Banfield	Portland
Lola Barr	Springfield
Genevieve Beaman	Springfield
Edith Beebe	Eugene
June Beebe	Eugene
H. O. Bennett	Roseburg
Annie Bergman	Astoria
Mrs. C. M. Bixby	Freewater
D. W. Boitnott	Prairie City
Lewis Bond	Eugene
Elmer Boyer	McCoy
Helen L. Bracht	Eugene
Edythe F. Bracht	Eugene
Mary Bryant	Albany
Sumner E. Bryant	Junction City
Jeannette Calkins	Eugene
Cleome Carroll	Eugene
P. E. Christenson	Imbler
A. M. Connell	Freewater
F. F. Cooper	Creswell
V. Myrtle Copenhaven	Springfield
M. Luciele Copenhaver	Springfield
Mrs. Alice E. Cornell	Eugene
Mary K. Court	Baker
Gladys V. Cox	Chanute, Kan.
A. C. Crews	Hood River
Peter C. Crockatt	Eugene
C. L. Crook	Spokane, Wash.
J. F. Croft	Bridge
Carlotta Crowley	McMinnville
Ida Culver	Seattle, Wash.
Mabel A. Davenport	Eugene
Blodwen Davies	Astoria
Margaret Davesson	Central Point
Roxie M. Denny	Canyon City
Rollien Dickerson	Eugene
R. Ella Dickerson	Eugene
Gertrude Dillon	Estacada
Leigh Douglass	Salem
Joanna Driscoll	Bly
Enid Dunlop	Brownsville

Name	*Home Address*
Kathleen MacNeal Durham	Eugene
Guy Dyar	Eugene
Rufus Eckerson	Portland
Eric Englund	Portland
Elva Estes	Eugene
Gladys Fisher	Eugene
Ella A. Fisher	Eugene
Belva Flanagan	Marshfield
Frances F. Franse	Marshfield
Almeda J. Fuller	Dallas
Frances Garrett	Eugene
Harriett Garrett	Eugene
Myron C. Gaston	Seaside
Maude Gerald	Eugene
Ethel B. Gibson	Merlin
Mary E. Good	Gresham
Richard Gray	Turner
Frances Greenburg	Portland
Lettie L. Gregson	Salem
Emily J. Griffin	Salem
Joy Gross	Portland
John G. Gubler	Price, Utah
Hager, Zoe M.	Eugene
Annie L. Hales	Gresham
Virginia Hales	Eugene
Nellie Haley	Seaside
Pearl Hall	Lakeview
Adeline Hammond	Portland
A. C. Hampton	Eugene
Hazel Hardie	Portland
Ruth Hardie	Portland
Hazel F. Harris	Salem
Irwin Hartley	Eugene
Mary Hostetler	Hubbard
Ella Hayden	Eugene
O. W. Hays	Mapleton
Grace Henderson	Eugene
Donna Henry	Eugene
Florence A. Hill	Brookings
Dolly Hodges	Prineville
Albert Holman	Oswego
S. T. Hollowell	Ashland
Charles L. Holway	Portland
E. R. Houck	Dallas
Flora Housel	Eugene
Alice E. Hughes	Portland
Harold F. Humbert	Eugene
Giles Hunter	Roseburg
Jennie Hunter	Roseburg
Mossie B. Hussong	Astoria
Esther J. Hurd	Eugene
Howard M. James	Enterprise
Wilford Jenkins	Eugene
Alice M. Jenkins	Eugene
Jensen, Ethel	Irving

Name	*Home Address*
Helen Aline Johnson	Portland
Augusta Kautz	Portland
E. L. Keezel	Eugene
Louisa F. Kellems	Eugene
Vivien Kellems	Eugene
Mrs. Ellen Eddy Kelley	Marshfield
F. C. Kent	Albany
R. L. Kirk	Springfield
Jeannette Kletzing	Eugene
Grace Knopp	Eugene
Mary Largent	Silverton
Maude Largent	Silverton
Anna Lindaas	Cascade, Mont.
J. E. Lomax	Boise, Idaho
Maude Lombard	Eugene
Hazel J. Loynes	Forest Grove
Lucinda Luckey	Eugene
W. G. McCarthy	Puyallup, Wash.
M. F. McClain	Eugene
Nellie McClure	Eugene
Jessie McCord	Cottage Grove
Margaret E. McCoskey	McMinnville
J. M. Laughlin	Hood River
Adah McMurphey	Eugene
Elizabeth Macdonald	Portland
R. Ross MacKenna	Eugene
Maude W. Madden	Eugene
Mary Mathes	Ashland
Helen Kerr Maxham	Eugene
Mildred Mersdorf	Bend
G. W. Milam	Gold Hill
Marjory V. Miller	Eugene
Lillie Miller	Pioneer
Earl Millikin	Eugene
Darrell W. Milton	Portland
Margaret Monroe	Portland
John R. Montague	Portland
R. U. Moore	McMinnville
R. E. Morris	Eugene
Alice Morrison	Portland
Daisy M. Mulkey	Woodburn
George W. Murphy	Riddle
Bertie Neill	Vancouver, Wash.
Nellie Newland	Eugene
Ruth T. Nye	Medford
Mary E. O'Farerll	Eugene
Vernie R. Olson	Eugene
E. J. Ortman	Newport
W. W. Patterson	Pleasant Hill
Veola Peterson	Sutherlin
Elsie G. Philpott	Prosper
Lillian Pierce	Medford

Name	*Home Address*
Virgil B. Porter	Eugene
Olga Poulsen	Portland
Annie Powers	Oakland
Jessie Purdy	Medford
Stella Redford	Eugene
J. B. Rees	Roseburg
Emma Revell	Gazelle, Cal.
R. W. Rose	Molalla
Geraldine Ruch	Eugene
Giles M. Ruch	Eugene
W. R. Rutherford	Eugene
Eva Scantlebury	Spokane, Wash.
Lilli Schmidli	Portland
Georgia Searcy	Condon
Maurice Selig	Portland
H. Albert Shimmin	Alvadore
Mrs. Gertrude C. Shisler	Salem
Beatrice Simonsen	Marshfield
Aubrey G. Smith	Union
Graham B. Smith	Eugene
Thora Smith	Medford
Coralie Snell	Junction City
Irma L. Snere	Creswell
Bernice L. Spencer	Eugene
Annette L. Spencer	Eugene
Emily Spulak	Canby
Winifred Starbuck	Eugene
Emma Stephenson	Eugene
Fanny Stewart	Eugene
Lexie Strachan	Dufur
P. M. Stroud	Springfield
Irene Sweeney	Portland
Caroline Taylor	Eugene
Howard R. Taylor	Astoria
Lourene Taylor	Eugene
C. H. Tisdale	Sutherlin
Evelyn Tregilgas	Portland
Miriam Underwood	Oakland
William I. Vawter	Medford
Van Zante, Mabel	Portland
Mildred Waite	Sutherlin
Cora E. Ware	Seaside
O. M. Washburn	Scappoose
Muriel Watkins	Eugene
Mrs. A. E. Watson	Portland
Y. Mabel Weller	Eugene
Goldie Ruth Wells	Halsey
Maye B. Wells	Jacksonville
J. Percy Wells	Jacksonville
Harvey H. Wheeler	Eugene
Ruth Baldree Wheeler	Eugene
Mrs. J. S. Whitaker	Myrtle Point
O. V. White	Brownsville
C. T. Whittlesey	Philomath
Elsie Winters	Sherwood
Mrs. J. S. Wright	Dufur
J. S. Wright	Dufur

PORTLAND SUMMER SCHOOL—1917

Mrs. J. P. Addison	Portland
Mathilda Ahernds	Portland
Celeste J. Albin	Portland
Alevia Alexander	Portland
Caroline Alexander	Portland
Mrs. I. M. Allhands	Portland
Grace Amos	
Lillian E. Amos	
Myrtle Anders	Portland
Carl F. Anderson	Portland
Dr. E. E. Anderson	Portland
Ella Anderson	Portland
Helen Anderson	Portland
Rica Anderson	Portland
Miss F. E. Angier	Portland
Septima Ansley	
J. F. Axley	
Lena Ayres	
L. L. Baker	Portland
Frances L. Barnes	Portland
Miss C. Bateson	Portland
Mrs. L. A. Beck	Portland
Myrtle Benedict	Portland
Rhea Benson	Portland
Christine Bergsvik	Portland
Will O. Bevan	Portland
Mrs. L. E. Black	Portland
Ida Blackford	Linnton
Emma Blanford	Portland
Louise Brace	Portland
J. W. Branstator	Vancouver, Wash.
Opal Bretz	Hillsboro
Mildred Broughton	Portland
Mildred Brous	Portland
M. F. Burghduff	Portland
C. W. Burtt	Portland
Helen Caldwell	Portland
Elsie L. Calkins	Portland
Anne Cameron	
Clem Cameron	
Ronalda Cameron	

Name	*Home Address*
E. Campbell	Portland
Florence F. Caughey	Portland
Mrs. Jennie Carr	Portland
Regina Cask	Portland
V. V. Cavana	Portland
Marjory Chapman	Portland
Alta Clark	Portland
Marion Clark	Portland
D. Clinton	Portland
E. Clinton	Portland
Irma Clifton	Portland
Elaine Clouse	Portland
Elouise Clouse	Portland
F. Irma Coan	Portland
Blanche Cohen	Portland
G. Conlin	Portland
Grace Connoly	Portland
Sabra Connor	Portland
Josephine Connors	Portland
Irma Coon	Portland
Evelyn Cornutt	Portland
Gene Crawford	Portland
Hattie Crawford	Portland
Margaret Curran	Portland
Viola Currier	Portland
Edith Darling	Portland
A. Davies	Portland
E. Davis	Portland
Mrs. DeVin	Portland
E. Dennis	Portland
Marion Dickey	Portland
Nellie Dickinson	Portland
L. A. Dillon	Portland
Miss H. Dims	
Inez Donohue	Portland
M. D. Donohoe	Portland
Robert H. Down	Portland
Mrs. M. Drake	Portland
Lena Dranga	Portland
Nancy Drew	Portland
Gertrude Eberly	Portland
G. Everett	Portland
Marion Ewry	Portland
Tomine Fety	Portland
Merle Finley	Portland
Florence E. Fink	Portland
Myrtle Fisher	Portland
Fred Fitch	Portland
Dorothy Flegal	Portland
D. E. Foster	Portland
Grace Foster	Portland
Margaret Foster	Portland
Mrs. H. W. Fraser	Portland
Virgene Fraser	Portland
Grace Frost	Portland
K. E. Frink	Portland
J. L. Fullerton	Portland
Grace L. Funston	Portland

Name	*Home Address*
H. Galbraith	Portland
Mrs. A. E. Gardner	Portland
A. Gately	Portland
Lulu Gehrett	Portland
Lucy M. George	Portland
Lula George	Portland
Agnes M. Glenn	Portland
William Godskesen	Portland
Grace Goodall	Portland
Lilian Goodspeed	Portland
L. Gorge	Portland
Vinsen Gorman	Portland
Maude E. Graham	Portland
Mrs. T. E. Graham	Portland
Edna Gray	Portland
Emma Griebel	Portland
Clarabelle Grim	Portland
Nora Hansen	Portland
E. G. Harlan	Portland
Mary Z. Harper	Portland
Hallie Hart	Portland
R. Hartog	
Corwin S. Harvey	Milwaukie
Genevieve Haven	Portland
Minnie R. Heath	Portland
Lillie Henderson	Portland
Agnes G. Herron	Portland
Agnes L. Herron	Portland
Marie Hichethier	Portland
Estella Hickey	Portland
K. E. Hickling	Portland
L. Hickox	Portland
Ralph Holzman	Portland
Lucile Hood	Portland
Cora Hosford	Portland
Estelle A. Hell	Portland
Professor E. Hoskin	Portland
Carrie E. Hunt	Portland
Martha Irwin	Portland
A. Johnson	Portland
Alice M. Johnson	Portland
Mrs. K. Johnson	Portland
Ovidia Johnson	Portland
L. Joseph	Portland
Leone Kabot	Portland
K. Kalkes	Portland
Iva Kendrick	Portland
James C. Kendrick	Portland
L. M. Knapp	Portland
Mildred Kruse	Portland
Leona Larrabee	Portland
D. N. Larson	Portland
L. M. Leith	
Miss Lewis	Portland
Rose T. Lorch	Portland

Name	*Home Address*
Irene Lynn	Portland
Belle Lytle	Portland
Maud MacPherson	Portland
M. Mallory	Portland
Claire Mann	Portland
Estella Marshall	Portland
Mrs. C. B. Martin	Milwaukie
Anna E. Mattei	Portland
Rachel May	Portland
Samuel C. May	Portland
Jesse McCord	Portland
A. C. McCown	Portland
Jessie H. McDonald	Portland
S. McInnis	Portland
Katherine McMillan	Portland
Berenice Miller	Portland
Edith Miller	Portland
Francienne Miller	Portland
Marion Miller	Portland
Myrtle B. Moffett	Portland
Mary B. Moore	Portland
Mrs. Carrie Moreland	Portland
Myrtle Muir	Portland
Helen Murray	Portland
S. C. Mustol	Portland
L. Nealand	Portland
Marion Neal	Portland
Clara Nelson	Portland
Nellie Nesvold	Portland
Phila Nicoll	Portland
Minnie L. Nolen	Portland
E. Nordeen	Portland
Joseph Novak	Scappoose
S. Noyes	Portland
Edith Ogden	Portland
Grace Ogilbee	Portland
Hattiebelle Ogilbee	Portland
Josephine OLeary	Portland
V. Ortschild	Portland
Ada M. Osfield	Portland
Emily E. Otis	Portland
Alda Overstreet	Portland
Edna M. Owens	Portland
Sybil Ozias	Portland
E. Paddock	Portland
Anna G. Pallett	Portland
V. Pallett	Portland
J. V. Parker	Portland
Lee Parsons	Portland
Laura Patriquin	Portland
Ruth Pearson	Portland
W. A. Pettys	Portland
Helen A. Phillips	Portland
Elizabeth M. Pollock	Portland
L. Porter	Vancouver, Wash.
O. Pottner	Portland
Jeannette B. Pound	Portland

Name	*Home Address*
May D. Prentiss	Portland
Nettie May Rankin	Portland
Miss M. Read	Portland
Nellie M. Renshaw	Portland
Grace Reeves	Portland
C. N. Reynolds	Hillsdale
Mrs. M. E. Rhoades	Portland
E. Rhodes	Portland
Mrs. Elizabeth Robinson	Portland
G. Rudd	Portland
Eleanor Ryan	Portland
Fina Sagorskey	Portland
Kate Schaefer	Portland
Paula Schmalz	Portland
Hilda Schneider	Portland
Emma Scholes	North Yakima, Wash.
Bess Segal	Portland
Mollie Segal	Portland
Ella Scott	Portland
Sister A. Sheahan	Portland
Sister Agnes C. Brown	Portland
Sister M. A. Burns	Portland
Sister Agnes Cecilia	Portland
Sister M. H. Kennell	Vancouver, Wash.
Sister M. Claudia	Portland
Sister Edward J. Frey	Vancouver, Wash
Sister Catherine MacDonald	
Sister Martha Thibault	Vancouver, Wash.
Sister Loyola McDonald	Vancouver, Wash.
Sister Mary J. Padden	Vancouver, Wash.
A. Slater	Portland
Madeline Slotbloom	Portland
Grace Slusser	Portland
Almeda Smith	Portland
Bessie Smith	Portland
Edith G. Smith	Portland
Frances Smith	Portland
Eleanor Spalli	Portland
Anna Sparkman	Cloverdale
Speirs, F. E.	Portland
Cornelia J. Spencer	Portland
Cathryn Springer	Portland
Marie Striebel	Portland
Blanche Sutton	Portland
Sadie Swanson	Portland
Queenie Swanson	Portland
Edna C. Sweney	Portland
Eugenia Taggert	Portland
Thacker, A. B.	Portland
Aileen Townsend	Portland

Name	*Home Address*
Mary Townsend	Portland
Mattie B. Train	Portland
Edith C. Turner	Portland
Katherine Twomey	Oak Grove
Rafael A. Vejar	Portland
Elizabeth Waldron	Jennings Lodge
J. Walker	
N. M. Washburne	Portland
E. Weber	
Myrtle Weeks	Portland
Sam Weinstein	Portland
Evelyn Welland	Portland
M. West	Portland
Melba White	Portland
E. Wilber	Portland
L. A. Wiley	Portland
Velma M. Wilkinson	Portland
Pearl Williamson	Portland
Adelaide Wilson	Portland
Nellie Wilson	Portland
Sophia Wilson	Portland
Minnie K. Wolfe	Portland
M. Wood	Portland
Helen Woodring	Portland
L. Woodworth	Portland
Helen Workman	Portland
Elizabeth Woster	Orchards, Wash.
Carol Wurtenberger	
Marion Yeatman	
K. Yosioka	Portland
Beatrice Young	Portland
Mrs. H. W. Young	Portland
Fannie Ziegler	Portland

SCHOOL OF MUSIC

Mrs. Abel	Eugene
Elmer Adams	Eugene
Olive Adams	Eugene
Rena Adam	Ontario
Bettie Dare Allinson	La Grande
Aulis Anderson	Eugene
Perry Burton Arant	Monmouth
Mrs. Frieda Andrews	Eugene
Ella Marie Baker	Eugene
Eugene Baker	Eugene
Esther Banks	Portland
Marie Bartmess	Hood River
Anna Landsbury Beck	Eugene
Helen Bell	Eugene
Dorothy Bennett	Portland
Merle Best	Pendleton
Mrs. Edith Booth	Eugene
Eugene Bowen	Eugene
Laura Bowen	Eugene
Edythe Bracht	Eugene
Helen Bristow	Eugene
Claudia Broders	Eugene
Vadabelle Brown	Eugene
Wanda Brown	Stayton
Roy Bryson	Eugene
Mrs. C. A. Burden	Eugene
Jeannette Calkins	Eugene
Jane Campbell	Eugene
Marjorie Campbell	Portland
Sprague H. Carter	Baker
Helen Casey	Eugene
Leatha Chambers	Eugene
Kate Chatburn	Bandon
Helen Cherry	Eugene
Louise Cherry	Eugene
Willie Christensen	Junction City
Mrs. Lillie Clarke	Astoria
Alma Clements	Long Beach, Cal.
Mabel Cochrane	Ashland
Ruth Coffeen	Eugene
Marie Copenhaver	Goshen
Margaret Conklin	Portland
Zoe Cornett	Los Angeles, Cal.
Mae Corpron	North Yakima, Wash.
Teressa Cox	Ontario
Pearl Craine	Bandon
Ruth Danford	Springfield
Elsie Daniels	Eugene
Kathleen Davis	Chinook, Wash.
John Deardorf	Eugene
Robert Deardorf	Eugene
Lazelle Delano	Eugene
Dorothy Dixon	Eugene
Mrs. M. H. Douglass	Eugene
Frances Dresser	Eugene
Letha Driscoll	Eugene
Berrian Dunn	Eugene
Amelia E. Dyar	Eugene
Donna Edmunson	Goshen
Ed. Ellerbeck	Eugene
Crecene Fariss	Eugene
Margaret Fell	Eugene
Dorrene Fisher	Eugene
Roy Ford	Eugene
Martha Foster	Eugene
Katherine Franzwa	Eugene
Janet Frasier	Eugene

Name	*Home Address*
Florence Furuset	Springfield
James Gano	Eugene
Harriett Garrett	Eugene
Claire Gazley	Gazley
Ruby George	Eugene
Josephine Getchell	Eugene
Lloyd Gibson	Eugene
Mamie Gillette	Eugene
Elizabeth Gilstrap	Eugene
Marian Gilstrap	Eugene
Era Godfrey	Lebanon
Leola Green	Eugene
Nadine Green	Eugene
Helen Gulliford	Eugene
Helen Guttery	Hood River
Elizabeth Hadley	The Dalles
Janet Hampton	Eugene
Mildred Hanson	Eugene
Dorothy Hartung	Eugene
Gael Haxby	Eugene
Erma Haxby	Eugene
Ruth Headley	Eugene
Wayne Headley	Eugene
Cornelia Heess	Portland
Mrs. Arthur Hendershott	Eugene
Arline Hoerr	Lebanon
Erma Huff	Boise, Idaho
Dale Humbert	Eugene
Madge Humbert	Eugene
Edna Humphrey	Eugene
Sadie Hunter	Colfax, Wash.
Hester Hurd	Florence
Mary Jewett	Eugene
Donald Johnson	Eugene
Mrs. Minnie Johnston	Eugene
Margaret Jones	Orofino, Idaho
Beulah Keagy	Portland
Dwight Kessey	Springfield
Alfons Korn	Eugene
Magdalene Kremmel	Eugene
Adelaide Lake	Eugene
Laverne Lamb	Goshen
Gwendolen Lampshire	Eugene
Maude Largent	Silverton
Henry Legett	Salem
Marian Linn	Eugene
Paula Linn	Eugene
Gertrude Livermore	Eugene
Daisy McCluskey	Eugene
Vena McCully	Eugene
Helen McCulloch	Eugene
Adah McMurphey	Eugene
Reba Macklin	Portland
Margaret Mansfield	Prospect
Ira Manville	Eugene
Mrs. C. B. Marks	Eugene
Elsie Marsh	Eugene
Leona Marsters	Roseburg
Ada Matthews	Cottage Grove
Hugh Miller	Eugene
Ruth Miller	Long Beach, Cal.
Eustes Moore	Eugene
Beatrice Morris	Eugene
Winnie Morris	Eugene
Marguerite Motschenbacher	Eugene
Fern Murphey	Ashland
Jane Murphey	Pendleton
Carl Nelson	Hollister, Idaho
Lavern Neil	Eugene
Ed Nunn	Eugene
Herman Oakes	Eugene
Lela Oakes	Eugene
Anastasia O'Farrell	Eugene
Gordon Onstad	Eugene
Wendell Paddock	Eugene
Lois Parker	Eugene
Oris Page	Eugene
Helen Parker	Eugene
Elizabeth Parkinson	Eugene
Jane Parkinson	Eugene
Audrey Perkins	Springfield
Curtiss Peterson	Eugene
Shailer Peterson	Eugene
Frances Pierce	Eugene
Mrs. Ursula Pim	Eugene
Lois Pixley	Eugene
Mrs. Lucy E. Pointer	Eugene
Donald H. Portwood	Monmouth
Alberta Potter	Eugene
Aurora Potter	Eugene
Jessie Powell	Eugene
Hazel Radabaugh	Pleasant Hill
Carlotta Reed	Portland
Edna Rice	Portland
Arthur Richardson	Eugene
Miss Richmond	Springfield
Florence Riddle	Grants Pass
Mrs. P. W. Rittenberg	Eugene
Naomi Robbins	Mollala
Gayle Robert	Astoria
Mrs. Leota Rodenbough	Springfield
Myrtle Ross	Pendleton
May Rowland	Eugene
Genevieve Rowley	Vancouver, Wash.
Grace Rugg	Pendleton
Dorothy Scarbrough	Eugene
Louis Scarbrough	Eugene
Ann Schaefers	Eugene

Name	*Home Address*
Bernard Schott	Eugene
Lilli Schmidli	Oregon City
Ruth Scott	Springfield
Franklin Seelye	Eugene
Maurice Selig	Falls City
Luella Shumway	Eugene
Mabel Simmons	Eugene
Bessie Smith	Chicago, Ill.
Helen Smith	Eugene
Lynde C. Smith	Wasco
Frankie Snodgrass	Eugene
Geraldine Spence	Eugene
David Lloyd Stearns	Portland
P. L. Stephens	Eugene
Irene Stewart	Eugene
Raymond Stein	Eugene
Lloyd Still	Milton
Rex Stratton	Ashland
Ruth Sweeney	Kelso, Wash.
Caroline Taylor	Eugene
Elsa Taylor	Eugene
Vera Temple	Pendleton
Martha Tinker	Eugene
Weltha Trafzer	Eugene
Fredericka Travis	Eugene
Gould Travis	Eugene
Glee Turner	Eugene
Alice Vander Sluis	Grenada, Cal.
Gladys Van Nuys	Parkdale
Glen Veeder	Eugene
Marie Wagers	Healdsburg, Cal.
Lucile Wald	Eugene
Helen Watts	Scappoose
Mabyl Weller	Eugene
Dorothy Wheeler	Eugene
Herald White	Cottage Grove
Nancy Whitsett	Eugene
Clare Whitton	Eugene
Mr. Wilfert	Eugene
Melba Williams	Eugene
Miss Williams	Eugene
Gail Winchell	Eugene
Lucile Wirth	Eugene
Olive Zimmerman	Eugene

ORDNANCE SCHOOL

Clyde W. Abercrombie	Tacoma, Wash.
Luton Ackerson	Coburg
Sanford Adler	Baker
Floyd Alexander	Mt. Vernon, Wash.
William Pope Allyn	Portland
Samuel W. Amey	Bellingham, Wash.
Ransom S. Anderson	Portland
Newton C. Bader	Aromas, Cal.
C. Bernie Baer	Baker
Leon M. Bailey	Tacoma, Wash.
Ira F. Barnett	Wasco
W. M. Beals	Shedd
William E. Berney	Walla Walla, Wash.
Morgan J. Bidlake	Billings, Mont.
Earl Blackaby	Ontario
Louis A. Blake	San Francisco, Cal.
Herbert Blatchford	
Frank E. Blewett	Eugene
F. W. Bond	Pendleton
George H. Bowker	Portland
Harry I. Brace	Vancouver, Wash.
Judd. M. Brant	Roundup, Mont.
Edward J. Brazell	Portland
Conrad P. Brevick	Seattle, Wash.
C. M. Bristol	Portland
Lloyd S. Brooks	Eugene
Sam S. Bullock	Portland
Copeland C. Burg	Livingston, Mont.
Harley H. Burling	Billings, Mont.
Robert Cadle	Rickreall
Tyrrell H. Carner	Grants Pass
Lloyd R. Carrick	Portland
David Campbell	Monmouth
Edward F. Chabot	Seattle, Wash.
Thomas W. Chatburn	Bandon
Charles O. Chatterton	Portland
Harrison B. Chenowith	LaGrande
William C. Christensen	Nehalem
L. M. Clark	Portland
Charles R. Cleaver	Creswell
Frank M. Cliff	Butte, Mont.
Elmer L. Coburn	Portland
Alex Cohen	Portland
Julius Cohen	Portland
Benjamin V. Collard	Spokane, Wash.
Elbert Condit	Hillsboro
C. Morton Congdon	Portland

Name	*Home Address*
Joseph H. Conn	
Anson B. Cornell	Portland
William W. Corcorn	
	Tacoma, Wash.
Fred B. Correa	Tacoma, Wash.
William G. Courtney	LaFayette
Charles W. Craig	Salem
Richard G. Crum	Helena, Mont.
Charles Danish	Portland
Gabriel De Jardin	Stayton
H. M. Dickerson	Portland
Roger G. Dille	Caldwell, Idaho
Earl B. Diller	Seattle, Wash.
John W. Divine	Alberton, Wash.
J. W. Donovan	Portland
Charles B. Drake	Portland
Glenn G. Dudley	Athena
James W. Egan	Tacoma, Wash.
Robert W. Earl	Milwaukie
Erik Eide	Stanwood, Wash.
Allen L. Emery	Portland
Lloyd A. Enlund	North Bend
Claude A. Evans	Portland
Doris C. Evans	
Joseph L. Fearey	Portland
F. H. Feike	Portland
Elmer Feldenheimer	Portland
Holman B. Ferrin	
	Washougal, Wash.
M .G. Fieldhouse	Pasadena, Cal.
Russell B. Fields	Salem
Walter Fisher	Roseburg
D. Frank Fleming	Paris, Ill.
Harry B. Fogarty	Portland
Henry A. Freeman	
	Central Point
Daniel J. Fry	Salem
Leo A. Furney	Astoria
George H. Gannon	
	Pullman, Wash.
Byron O. Garrett	Hillsboro
Milton Gevurtz	Portland
L. B. Gilbertson	
	Grand Rapids, Mich.
Howard C. Gildea	McMinnville
Harold J. Glasou	Eugene
Earl Goodwin Gray	Portland
Garnet L. Green	Portland
Lewis D. Griffith	Salem
John D. Griffin	Astoria
L. C. Guenther	Seattle, Wash.
Holt Guerin	Portland
Ernest Hacheney	Portland
Edmund P. Hammond	Portland
Joseph W. Hammond	Portland
John C. Harper	Moro
Fred L. Harford	Seattle, Wash.
Edward G. Harlan	Portland
Maynard H. Harris	Portland
Charles L. Hawkes	Portland
Ellis R. Hawkins	Portland
Loyal W. Heath	Grants Pass
Joseph C. Hedges	Oregon City
Henry L. Hess	North Powder
Fred H. Heitzhausen	Portland
Karl E. Hinges	Salem
Albert T. Hoppe	Spokane, Wash.
Charles T. Howe	Portland
James F. Howell	Wasco
L. M. Jacobs	
Freeman G. James	
	Spokane, Wash.
Phillip W. Janney	
	Santa Barbara, Cal.
Albert A. Johnson	North Dakota
Frank H. Johnson	Eugene
Edward R. Jonhston	
	Seattle, Wash.
Earl Jones	Wasco
Lay A. Jones	Gervais
Harold H. Jope	Fowler, Cal.
Harold S. Jordon	Portland
McKinley Kane	Madras
Fred E. Kiddle	Island City
Keith Kiggins	Portland
Clifford Knickerbocker	Newberg
James E. Knight	
	San Luis Obispo, Cal.
Leonard Krause	
Emery Dudley Lake	Eugene
Charles R. Lamb	Albany
Ralph D. Lamb	Albany
Charles S. Lane	Camas, Wash.
Theodore J. Langton	Newberg
Charles F. Lavell	Butte, Mont.
Edward Lee McClain	
	Hood River
Thomas R. McClellan	
	West Stayton
Lynn S. McCready	
	Lewiston, Idaho
Richard McElhose	Eugene
John N. McHatton	Butte, Mont.
Lewis G. McLaren	Portland
Malcolm MacEwen	Eugene
William MacKenzie	Hugo
Edward MacDonald	
	Kalispell, Mont.
Creston R. Maddock	Heppner
Timothy H. Maloney	Portland
Joseph F. Marias	Astoria
Edison Marshall	Medford
W. H. Masters	Portland
John P. Matsen	
	Bickelton, Wash.

Name	*Home Address*
W. J. Matson	Astoria
Howard C. Merryman	Klamath Falls
Nicholas L. Michels	Oregon City
Emerson Merrick	Medford
Adrian W. Miles	Portland
Waldo S. Miller	Portland
Waldo O. Mills	Hood River
Frank G. Mitchell, Jr.	Walla Walla, Wash.
M. S. Mitchell	Portland
Frederick H. Moes	Pilot Rock
Kenneth A. Moores	Salem
Ralph D. Moores	Salem
Fred B. Moxley	Eugene
James E. Nail	Klamath Falls
Roland W. Nicol	Gridley, Cal.
J. C. Nordin	
Swan E. Nord	Seattle, Wash.
Harry A. Norquist	Seattle, Wash.
Edward L. Ordemann	Portland
Clinton A. Ostrander	Salem
Lynn A. Parr	Woodburn
Charles M. Pennell, Jr.	Portland
G. A. Persons	
Clarence D. Potter	Baker
James W. Prater	Ellensburg, Wash.
Randall S. Pratt	Seattle, Wash.
Milton A. Preisz	Lewiston, Idaho
Russell A. Quisenberry	Eugene
Arthur J. Reinhart	Salem
George E. Richards	Wallowa
Jim Richardson	Creswell
George W. Ridgway	Portland
Donald C. Roberts	Astoria
Albert J. Rousseau	Albany
L. R. Sackett	Portland
C. W. Salisbury	Vancouver, Wash.
Randall S. Scott	Springfield
Alvin Freeman Sersanous	Portland
William Ralph Service	Silverton
Walter E. Shephard	Portland
Glenn Shockley	Baker
Herbert H. Sichel	Portland
Henry W. Sims	Eugene
Arvo A. Simola	Portland
Edmond F. Slade	Salem
Arthur Slettedahl	Seattle, Wash.
John C. Smock	Portland
Milton M. Smith	Portland
Edward Springer	
James E. Stearns	Oakland
James R. Steele	Portland
L. F. St. Germain	Tacoma, Wash.
Jerome B. Steinbach	Portland
Charles C. Stewart	McMinnville
J. L. Talbot	Portland
Fred C. Taylor	Helena, Mont.
C. Y. Tengwall	Medford
Clifford J. Thomas	Portland
Harold Tregilgas	Portland
Henry I. Trowbridge	Portland
N. David Turtledove	Portland
Harrison W. Trueblood	Oswego
Edmund G. Tyra	Spokane, Wash.
Floyd A. Vammen	Aberdeen, Wash.
J. H. Watson	Portland
Ernest W. Walther	The Dalles
Harold J. Wells	Eugene
Floyd T. Webb	Redding, Cal.
S. S. Wendell	
Walter P. Welsch	Billings, Mont.
John H. White	Lakeview
Basil T. Williams	Eugene
Jackson C. Willis	Rogersville, Tenn.
Frank H. Willson	Dallas
A. J. Wilson	Albany
Horace A. Wilson	Salem
Leonard C. Wilson	Portland
Thomas B. Wilson	Tacoma, Wash.
Jess B. Witty	Elgin
Henry Wold	Thompson Falls, Mont.
Claud S. Wood	Klamath Falls
George B. Woods	Portland
Hawley Wymond	Great Falls, Mont.
Owen J. Yoder	Shipshewanam, Ind.
F. Harold Young	Eugene
James B. Young	Salem
Theodore F. Young	St. Louis, Mo.
Chester G. Zumwalt	Newberg

SUMMARY OF OFFICERS AND INSTRUCTORS

Administration—		
Regents	14	
Other administrative officers	17	
	—	31
Instruction—		
Academic Colleges and Schools:		
Professors and Assistant Professors	68	
Instructors and Assistant Instructors	24	
School of Music	10	
School of Medicine	34	
School of Law	3	
	—	139
		170
Deducting for names appearing more than once		13
Total officers and instructors		157

SUMMARY OF STUDENTS

Graduate School		12
College of Literature, Science and the Arts:		
Men	408	
Women	541	
	—	949
Summer School		508
School of Medicine		78
School of Music		218
Ordnance School		238
		2003
Names appearing more than once		164
Total students in residence		1839
Correspondence-Study Department		555
Total students in all departments		2394
Total officers, instructors and students		2551

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